97-84015-9 Grand Rapids Association of Commerce

A statistical record showing the comparative... Grand Rapids, Mich.

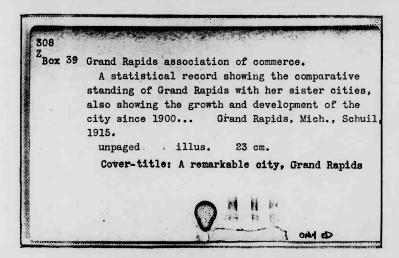
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97-84015-9 MASTER NEGATIVE #

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A Remarkable
City

GRAND RAPIDS

A Record of
its

Development and
Accomplishments

A Statistical Record
Showing the
Comparative Standing of

GRAND RAPIDS

with her Sister Cities



Also showing the

Growth and Development

of the City since

1900

SEPTEMBER 1915

Compiled by
Grand Rapids Association
of Commerce

FOREWORD

WE are showing in this booklet statistics from which can be answered most of the questions asked relative to the growth and development and present standing of the city of Grand Rapids.

The statistics presented herewith are secured from reliable sources, are all authentic and can be verified.

From the figures showing the growth of the city, from the stand-point of population, it will be noticed that Grand Rapids has never passed through a period of stagnation, nor experienced at any time a "mushroom" development, both of which would have been disadvantageous to this city.

Attention is especially called to the fact that the statistics on Home Ownership show Grand Rapids ranking second in the United States and that all of its closest rivals are cities on the Pacific Coast. As far as that section east of the Mississippi River is concerned, Grand Rapids ranks supreme.

The figures relative to Death Rates are shown to reveal the health conditions of the various large cities of the United States. The figures for any one year might be misleading. The average figures for the years 1906 to 1910, inclusive, show Grand Rapids to be the sixth healthiest city in the United States and the healthiest city east of the Mississippi River.

In showing Telephone Rates, the second rate shown is that of another company. The Gas Rates are the net rates for the smallest amount consumed. In many cases these rates grade downward as the consumption increases. This is also true of water rates.

The Per Capita Revenue Receipts of a city come as near as possible to being the Per Capita Tax as can be determined, and this comparison is supposed to reveal the tax conditions in the large cities throughout the United States. The Per Capita Payments for governmental cost represent the monies raised by municipalities to defray actual running expenses. It must be remembered that these figures fluctuate considerably every year. The Per Capita Net Indebtedness is determined by deducting from the Gross Indebtedness the monies in sinking funds.

Special attention should be called to the average rate of taxation per each \$1,000 of assessed valuation in each city in Michigan for the year 1914. This is the first time in the history of this State that such a comparison has been possible, owing to the fact that during the year 1914 the State Board of Assessors fixed the valuation of all counties upon a 100% basis.

It is realized that all questions asked about the present conditions and progress of a city cannot be answered by statistics, and additional information about the city of Grand Rapids will be cheerfully furnished by the Grand Rapids Association of Commerce.



NEW PANTLIND HOTEL Совт \$2,000,000

COMPLETED 1915



THE PENINSULAR CLUB

COMPLETED 1915

POPULATION OF THE PRINCIPAL CITIES OF THE UNITED STATES.

(Bureau of the Census Estimates, July 1, 1914)

| New York, N. Y. | | | | | | . 5. | 333,537 |
|---|-----|-----|---|---|---|------|---------|
| | | | | | | | 393,325 |
| Chicago, Ill Philadelphia, Pa. St. Louis, Mo | • | • | • | | • | | |
| Philadelphia, Pa. | | | | | | | 657,810 |
| St. Louis, Mo | | | | | | | 734,667 |
| Boston, Mass | | | | | | | 733,802 |
| | • | : | • | • | • | | |
| Cleveland, Ohio | • | | | | | | 639,431 |
| Baltimore, Md | | | | | | | 579,590 |
| Pittsburgh, Pa | | | | | | | 564,876 |
| | • | • | | • | | | |
| Detroit, Mich | | | | | | | 537,650 |
| Buffalo, N. Y | | | | | | | 454,112 |
| San Francisco, Cal | | | | | | | 448,502 |
| Dan Francisco, Car | • | | • | • | • | | |
| Los Angeles, Cal. | • | | | | • | | 438,914 |
| Milwaukee, Wis. | | | | | | | 417,054 |
| Cincinnati, Ohio | | | : | | | | 402,175 |
| | | | | | | | 389,106 |
| Newark, N. J New Orleans, La. | • | | • | | • | | |
| New Orleans, La. | | | | | | | 361,221 |
| Washington, D. C. | | | | | | | 353,378 |
| Minneson, D. C. | • | • | • | • | | | 343,466 |
| Minneapolis, Minn | • | | | | • | | |
| Seattle, Wash | | | | | | | 313,029 |
| Jersey City, N. J. | | | | | | | 293,921 |
| | • | • | • | • | • | | 281,911 |
| Kansas City, Mo. | | • | | • | | | |
| Portland, Ore | | | | | | | 260,601 |
| Indianapolis, Ind. | | | | | | | 259,413 |
| Denver, Colo | | | | | : | | 245,523 |
| Deliver, Colo. | • | • | • | : | • | • | 245,090 |
| Providence, R. I. Rochester, N. Y. | • | • | | • | • | | |
| Rochester, N. Y. | | | | | | | 241,518 |
| St. Paul, Minn | | | | | | | 236,766 |
| | | | | | | | 235,114 |
| Louisville, Ky Columbus, Ohio | | | • | | | | 204,567 |
| The last of the | • | | • | • | • | | |
| Toledo, Ohio . | | | | | | • | 184,126 |
| Oakland, Cal Atlanta, Ga Birmingham, Ala. | | | | | | | 183,002 |
| Atlanta, Ga | | | | | | | 179,292 |
| Birmingham Ala | | | | | | | 166,154 |
| W-measter Mass | • | • | • | • | • | | 157,732 |
| worcester, mass. | • | • | • | • | | | 140,050 |
| Worcester, Mass. Syracuse, N. Y. | | | | | | | 149,353 |
| New Haven, Conn. Memphis, Tenn. Scranton, Pa. Spokane, Wash. | | | | | | | 144,505 |
| Memphis. Tenn. | | | | | | | 143,231 |
| Samonton Po | | • | | : | | | 141,351 |
| Garleson, 1a. | • | | • | • | • | • | |
| Spokane, wasn. | • | • | • | • | • | • | 135,657 |
| Richmond, Va | | | | | | | 134,917 |
| Spokane, Wash. Richmond, Va. Paterson, N. J. Omaha, Neb. | | | | | | | 134,305 |
| Omaha, Neb. | | | | | | | 133,274 |
| Fall River, Mass. | | | | | | | 125,443 |
| ran much, mass. | • | • | • | • | | • | |
| Dayton, Ohio . | • | | | • | | • | 123,794 |
| GRAND RAPIDS, | MIC | CH. | | | | | 123,227 |
| Bridgeport, Conn. | | | | | | | 115,289 |
| Bridgeport, Conn. San Antonio, Texa | | | | | | | 115,063 |
| Manhailla Tonn | 0 | • | • | | ٠ | • | |
| Nashville, Tenn. | • | | • | | • | | 114,899 |
| Dallas, Tex New Bedford, Mas | | | | | | | 111,986 |
| New Bedford, Mas | s. | | | | | | 111,230 |
| Lowell, Mass | | | | | | | 111,004 |
| Cambridge Mass | | • | | | • | | 110,357 |
| Call I also City III | o h | | • | • | | • | |
| Cambridge, Mass. Salt Lake City, Ut | all | | | • | | | 109,530 |
| Hartford, Conn. | | | | | | | 107,038 |
| Trenton, N. J. | | | | | | | 106,831 |
| Tacoma, Wash | | | | | | | 103,418 |
| Roading Pa | | • | • | | • | | 103,361 |
| Albana M | • | | | • | | • | |
| Albany, N. Y. | | | | | | | 102,961 |
| Salt Lake City, Oth Hartford, Conn. Trenton, N. J. Tacoma, Wash. Reading, Pa. Albany, N. Y. Camden, N. J. | | | | | | : | 102,465 |
| Springfield, Mass. | | | | | | | 100,375 |
| 1 | | | | | | | , |



NEW PANTLIND HOTEL

Cost \$2,000,000

COMPLETED 1915



THE PENINSULAR CLUB

COMPLETED 1915

POPULATION OF THE PRINCIPAL CITIES OF THE UNITED STATES.

(Bureau of the Census Estimates, July 1, 1914)

| (Dureau of the cen | bub | | **** | | ,, - | | -,, |
|---|------|-----|------|---|------|----|-----------|
| New York, N. Y. | | | | | | | 5,333,537 |
| Chicago III | • | | • | • | | | 2,393,325 |
| Chicago, Ill Philadelphia, Pa. | • | | • | • | • | • | 1,657,810 |
| Philadelphia, Pa. | • | ٠ | • | | • | | 794 667 |
| St. Louis, Mo | | | | | | ٠ | 734,667 |
| Boston, Mass Cleveland, Ohio | | | | | | | 733,802 |
| Cleveland, Ohio | | | | | | | 639,431 |
| Baltimore, Md | | | | | | | 579,590 |
| Pitteburgh Pa | | | | | | | 564,876 |
| Pittsburgh, Pa Detroit, Mich | | | • | • | • | Ċ | 537,650 |
| | | | • | | • | | 454,112 |
| Buffalo, N. Y. | · | | • | ٠ | • | ٠ | |
| San Francisco, Cal | l. | | | | • | | 448,502 |
| Los Angeles, Cal. | | | | | | | 438,914 |
| Milwaukee, Wis. Cincinnati, Ohio | | | | | | | 417,054 |
| Cincinnati, Ohio | | | | | | | 402,175 |
| Namark N I | ٠. | | | | | | 389,106 |
| Newark, N. J New Orleans, La. | | • | • | • | • | Ċ | 361,221 |
| New Orleans, La. | • | • | • | • | | • | 353,378 |
| Washington, D. C. | | • | | • | | | |
| Minneapolis, Minn | ۱. | | | | | | 343,466 |
| Seattle, Wash | | | | | | | 313,029 |
| Jersey City, N. J. | | | | | | | 293,921 |
| Kansas City, Mo. | | | | | | | 281,911 |
| Ransas City, Mo. | | | • | • | | | 260,601 |
| Portland, Ore. | ٠ | | • | | • | • | 259,413 |
| Indianapolis, Ind. | • | • | • | • | • | ٠ | 245,523 |
| Denver, Colo. | • | • | • | • | | ٠ | 245,090 |
| Providence, R. I. Rochester, N. Y. St. Paul, Minn. | • | • | • | | • | • | |
| Rochester, N. Y. | | • | | • | • | ٠ | 241,518 |
| St. Paul, Minn | | | • | | | | 236,766 |
| Louisville, Ky | | | | | | | 235,114 |
| Columbus, Ohio | | | | | : | | 204,567 |
| Toledo, Ohio . | | | | | | | 184,126 |
| Rochester, N. Y. St. Paul, Minn. Louisville, Ky. Columbus, Ohio Toledo, Ohio Oakland, Cal. Atlanta, Ga. Birmingham, Ala. | | | | | | | 183,002 |
| Atlanta, Ga | | | | | | | 179,292 |
| Birmingham, Ala. | | | | | | | 166,154 |
| | | | | | ÷ | | 157,732 |
| Worcester, Mass. Syracuse, N. Y. New Haven, Conn. Memphis, Tenn. Scranton, Pa. Spokane, Wash. Richmond, Va. Paterson, N. J. Omaha, Neb. | | | Ċ | : | | | 149,353 |
| New Haven Conn | | i | | | | | 144,505 |
| Momphie Tonn | | | | | | | 143.231 |
| Camputan Do | • | | • | • | | · | 141,351 |
| Scranton, ra. | • | | • | • | | • | 135,657 |
| Spokane, wasn. | | | | : | ٠ | • | 134,917 |
| Richmond, Va. | | • | • | • | | • | 134,305 |
| Paterson, N. J. | • | | • | • | ٠ | • | 133,274 |
| Omaha, Neb. | • | | • | • | | • | |
| Fall River, Mass. | | | | | | | 125,443 |
| Dayton, Ohio . GRAND RAPIDS, | | | | • | | : | 123,794 |
| GRAND RAPIDS, | MI | CH. | | | | | 123,227 |
| Bridgeport, Conn. | | | | | | | 115,289 |
| San Antonio, Texa | as | | | | | | 115,063 |
| Machwillo Tonn | | | | | | | 114,899 |
| Dallas Tev | ٠ | | | | | | 111,986 |
| Now Redford Ma | | • | | | | | 111,230 |
| Lowell Mass | | | | | | ı. | 111,004 |
| Combuidge Mass. | | • | | | | | 110,357 |
| Campriage, Mass. | 4-1- | • | • | • | | | 100,530 |
| Dallas, Tex New Bedford, Ma. Lowell, Mass Cambridge, Mass. Salt Lake City, U Hartford, Conn. Trenton, N. J | tan | • | | | | | 109,530 |
| Hartford, Conn. | | • | | | | | 107,038 |
| Trenton, N. J. | | | | | | | 106,831 |
| Tacoma, Wash. | | | | | | | 103,418 |
| Reading, Pa | | | | | | | 103,301 |
| Albany, N. Y. | | | | | | | 102,961 |
| Camden, N. J. | | | | | | | 102,465 |
| Salt Lake City, U Hartford, Conn. Trenton, N. J Tacoma, Wash. Reading, Pa Albany, N. Y Camden, N. J Springfield, Mass. | | | | | | | 100,375 |
| 1 | | | | | | | |

PER CENT. OF HOME OWNERSHIP

(Bureau of the Census Statistics)

| (Bureau of t | he | Cens | sus | Sta | atis | tics |) | |
|---|-----|------|-----|-----|------|------|-----|------|
| | | | | | | | Per | Cent |
| Spokane, Wash. | | | | | | | | 51.3 |
| GRAND RAPIDS. | M | CH. | | | | | | 47.9 |
| Oakland, Cal. | | | | | | | | 46.7 |
| Portland Ore | | - | | | | | | 46.3 |
| Salt Lake City IIt: | аĥ | | | | | | | 45.1 |
| Sart Lake Oity, Ot. | | • | • | | | | | 44.9 |
| Lea Angeles Cel | • | • | • | • | • | Ť | | 44.7 |
| Tos Angeles, Cal. | • | • | | - | • | • | | 44.3 |
| Deskarden N V | • | | | • | • | • | • | 42.1 |
| Rochester, N. 1. | | | | • | • | • | • | 41 2 |
| Detroit, Mich. | • | • | | | | | • | 41.2 |
| St. Paul, Minn. | ٠ | | | | | | • | 40.7 |
| San Antonio, Texa | S | | • | | | | • | 40.4 |
| Minneapolis, Minn | • | ٠. | | ٠ | ٠ | | • | 20.4 |
| Omaha, Neb. | | • | | | ٠ | • | • | 90.7 |
| Syracuse, N. Y. | | | | | | | ٠ | 39.1 |
| Dayton, Ohio . | | | | | | | ٠ | 38.1 |
| Scranton, Pa | | | | | | | | 37.6 |
| Milwaukee, Wis. | | | | | | | | 36.4 |
| Denver, Colo | | | | | | | | 36.2 |
| Kansas City, Mo. | | | | | | | | 36.2 |
| Dallas, Texas | | | | | | | | 36.0 |
| Columbus, Ohio | | | | | | | | 35.7 |
| Cleveland, Ohio | | | | | | | | 35.2 |
| Buffalo N V | | | | | | | .× | 34.2 |
| Baltimore Md | • | | | | | | | 33.7 |
| Indianapolis Ind | • | | | | | | | 33.0 |
| C- Enamoiana Co | , . | | | | | | - | 33.0 |
| San Francisco, Ca | 1. | | | • | • | • | • | 31.2 |
| Trenton, N. J. | • | | | • | • | • | • | 30.6 |
| Nasnville, Tenn. | • | | | | • | • | • | 20.7 |
| Birmingnam, Ala. | • | • | | | • | • | ٠ | 28.0 |
| Pittsburgh, Pa. | • | | • | | • | • | • | 26.0 |
| Albany, N. Y. | | • | • | • | ٠ | | ٠ | 20.0 |
| Louisville, Ky. | | ٠ | ٠ | • | • | • | • | 20.0 |
| Philadelphia, Pa. | ٠ | | ٠ | | ٠ | • | ٠ | 20.0 |
| Chicago, Ill | | | • | • | • | • | • | 20.2 |
| New Haven, Conn. | | | ٠ | | • | ٠ | ٠ | 25.5 |
| New Bedford, Cor | ın. | | ٠ | | ٠ | • | | 25.3 |
| Memphis, Tenn. | | | | | • | | | 25.2 |
| Washington, D. C. | | | | | | | ٠ | 25.2 |
| St. Louis, Mo | | | | | | • | | 25.0 |
| Atlanta, Ga | | | | | | | | 24.7 |
| Worcester, Mass. | | | | | | | | 24.4 |
| Paterson, N. J. | | | | | | | | 24.0 |
| Richmond, Va | | | | | | | | 24.0 |
| Cincinnati, Ohio | | | | | | | | 23.2 |
| New Orleans, La. | | | | | | | | 23.1 |
| Lowell Mass | Ţ. | | | | ٠. | | | 22.4 |
| Bridgenort Conn | Ţ, | | Ċ | | | | | 22.1 |
| Hartford Conn | · | • | Ċ | | | | | 21.5 |
| Providence R I | | | | | | | | 20.8 |
| Lorgon City N I | | | | | | | | 20.2 |
| Newpork N I | | | | | | | | 20.0 |
| Combuides Mass | | • | | | | • | | 18.9 |
| (Bureau of t Spokane, Wash. GRAND RAPIDS, Oakland, Cal. Portland, Ore. Salt Lake City, Ut: Seattle, Wash. Los Angeles, Cal. Toledo, Ohio Rochester, N. Y. Detroit, Mich. St. Paul, Minn. San Antonio, Texa Minneapolis, Minn Omaha, Neb. Syracuse, N. Y. Dayton, Ohio Scranton, Pa. Milwaukee, Wis. Denver, Colo. Kansas City, Mo. Dallas, Texas Columbus, Ohio Cleveland, Ohio Buffalo, N. Y. Baltimore, Md. Indianapolis, Ind. San Francisco, Ca Trenton, N. J. Nashville, Tenn. Birmingham, Ala. Pittsburgh, Pa. Albany, N. Y. Louisville, Ky. Philadelphia, Pa. Chicago, Ill. New Haven, Conn. New Bedford, Cor Memphis, Tenn. Washington, D. C. St. Louis, Mo. Atlanta, Ga. Worcester, Mass. Paterson, N. J. Richmond, Va. Cincinnati, Ohio New Orleans, La. Lowell, Mass. Bridgeport, Conn. Providence, R. I. Jersey City, N. J. Newark, N. J. Cambridge, Mass. Fall River, Mass. Boston, Mass. New York, N. Y. | | | | | • | | | 17.8 |
| Pan Kiver, Mass. | | | • | | | • | | 17.1 |
| Boston, Mass. | | • | | | • | • | | 11.7 |
| New York, N. Y. | | | | | | | • | 11.1 |

DEATH RATES

(Bureau of the Census Statistics, 1913)

| (Darcaa or one o | 011. | | ~ | | | , | | , |
|---|------|----|----|---|---|----|---|--|
| Seattle, Wash | | | | | | | | 8.4 |
| Spokane, Wash | | | | | | | | 8.9 |
| Portland Ore | | | | | | | | 9.5 |
| St Paul Minn | | • | • | • | | | | 11.0 |
| Minnoapolis Minn | | • | • | • | • | | • | 11.6 |
| O-1-1 C-1 | | • | • | • | | • | | 12.5 |
| Oakland, Cal | • | • | • | • | • | | • | 12.7 |
| Seattle, Wash. Spokane, Wash. Portland, Ore. St. Paul, Minn. Minneapolis, Minn. Oakland, Cal. Milwaukee, Wis. GRAND RAPIDS, M Cambridge, Mass. | - 0 | | • | • | • | | • | |
| GRAND RAPIDS, M | 10 | H. | • | | • | | • | 13.3 |
| Cambridge, Mass. | | | | | | | | 13.5 |
| Paterson N. J. | | | | | | | | 13.5 |
| Denver, Colo | | | | | | | | 13.7 |
| Michigan | | | | | | | | 13.9 |
| Omaha, Neb. United States Cleveland, Ohio New York, N. Y. | | | | | | | | 13.9 |
| United States . | | | | | | | | 14.1 |
| Cleveland, Ohio . New York, N. Y. | | | | | | | | 14.2 |
| New York N Y | | | | | | | | 14.3 |
| | | | | | | | • | 14.4 |
| Newark, N. J. Jersey City, N. J. Rochester, N. Y. | | • | | | | ١. | | 14.6 |
| Jersey City, N. J. | • | | | • | • | | | 14.6 |
| Rochester, N. 1. | • | • | | | | | | |
| Kansas City, Mo. Scranton, Pa. | | • | | | | • | • | 14.8 |
| Scranton, Pa | | | | • | | | | 14.8 |
| Bridgeport, Conn. | | | | • | | | | 14.9 |
| Scranton, Pa. Bridgeport, Conn. St. Louis, Mo. Los Angeles, Cal. Chicago, Ill. Providence, R. I. | | | | | | | | 14.9 |
| Los Angeles, Cal. | | | | | | | | 15.0 |
| Chicago, Ill | | | | | | | | 15.1 |
| Providence, R. I. | | | | | | | | 15.2 |
| Columbus Ohio | | | | | | | | 15.3 |
| Columbus, Ohio Indianapolis, Ind. Syracuse, N. Y. | • | | | | | | | 15.7 |
| Crimonico N V | • | • | • | | | | | 15.7 |
| Syracuse, N. Y Philadelphia, Pa. | • | • | • | • | | | • | 15.7 |
| Philadelphia, Fa. | • | • | • | ٠ | | • | | 15.8 |
| Worcester, Mass. Buffalo, N. Y San Francisco, Cal. | • | • | • | • | | | • | 15.8 |
| Buffalo, N. Y. | • | • | • | • | | | • | |
| San Francisco, Cal. | | ٠ | • | • | ٠ | | • | 15.9 |
| New Haven, Conn. | | • | | • | | • | • | 15.9 |
| New Haven, Colli. Lowell, Mass. Dayton, Ohio *Louisville, Ky. Toledo, Ohio Boston, Mass. Cincinnati, Ohio Pittsburgh, Pa. Fall River, Mass. *Washington, D. C. | | | • | | • | | • | 15.9 |
| Dayton, Ohio . | | | • | | | | • | 16.0 |
| *Louisville, Ky. | • | | | | • | • | ٠ | 16.2 |
| Toledo, Ohio . | | | | | | | • | 16.2 |
| Boston, Mass | • | | | | | | | 16.4 |
| Cincinnati, Ohio | • | | | • | | • | ٠ | 16.9 |
| Pittsburgh, Pa. | | | | | | | | 17.1 |
| Fall River, Mass. *Washington, D. C | • | • | | | | | • | 17.2 |
| *Washington, D. C | | | | | | ٠ | | 17.3 |
| Detroit, Mich | | • | • | | | • | • | 17.3 |
| *Atlanta, Ga | | ٠ | | • | | • | • | 17.4 |
| *Washington, D. C Detroit, Mich *Atlanta, Ga *Birmingham, Ala. *Nashville, Tenn. *Baltimore, Md. Albany, N. Y *New Orleans, La. *Richmond, Va. *Memphis, Tenn. | | | | | | | ٠ | 17.3 17.4 17.4 17.8 18.5 19.8 19.9 20.4 20.8 |
| *Nashville, Tenn. | | | | | | | • | 17.8 |
| *Baltimore, Md. | • | | | • | | | | 18.5 |
| Albany, N. Y. | • | | | • | | | | 19.8 |
| *New Orleans, La. | ٠, | ٠ | .• | | | | | 19.9 |
| *Richmond, Va. | | ٠ | | | | • | ٠ | 20.4 |
| *Memphis, Tenn. | | | | | | | | 20.8 |
| | | | | | | | | |

^{*}Indicates over 10% of population colored.

PER CAPITA FIRE LOSSES

(Year ending December 31, 1914)

| (Year ending | ; De | ecem | per | 51, 1914) | DED |
|---|------|------|-----|----------------------|----------------|
| | | | | POPULA- TION 1914 | CAPITA |
| CITY | | | | TION 1914 | LOSS |
| Trenton, N. J. | | | | 103,000 | 15.32 |
| Trenton, N. J. Spokane, Wash. | | | | 138,000 | 7.86 |
| Birmingham, Ala. | | | | 170,000 | 7.37 |
| Portland Oro | • | | • | 260,000 | 6.78 |
| Portland, Ore | | • | • | 145,000 | 5.67 |
| Memphis, 1enn. | | | • | | 5.46 |
| Albany, N. Y. | | • | ٠ | 110,000 | |
| Houston, Texas . | | | • | 110,000 | 4.79 |
| Doston, Mass. | | | • | 750,000 | 4.06 |
| Indianapolis, Ind. Atlanta, Ga. | | | | 260,000 | 3.86 |
| Atlanta, Ga | | | | 180,000 | 3.73 |
| Worcester, Mass. | | | | 165,000 | 3.66 |
| Tacoma, Wash, | | | | 102,000 | 3.61 |
| Worcester, Mass. Tacoma, Wash. Hartford, Conn. | | | | 110,000 | 3.54 |
| Kansas City, Mo. | | | • | 280,000 | 3.46 |
| Tanianilla Var | | | • | 250,000 | 3.42 |
| Louisville, Ky. St. Louis, Mo. Nashville, Tenn. Newark, N. J. Springfield, Mass. St. Poul Minn. | | | • | 700,000 | 3.42 |
| St. Louis, Mo | | | : | 790,000 | |
| Nashville, Tenn. | | | • | 114,899 | 3.31 |
| Newark, N. J | | | | 400,000 | 3.20 |
| Springfield, Mass. | | | : | 102,000 | 3.19 |
| | | | | 240,000 | 3.13 |
| Minneapolis, Minn. Pittsburgh, Pa. | | | | 350,000 | 3.10 |
| Pittshurgh, Pa. | | | | 565,000 | 3.10 |
| Detroit Mich | • | | | 560,000 | 2.99 |
| Detroit, Mich Seattle, Wash | | | • | 303,000 | 2.96 |
| Deartie, Wash | • | | • | 245,000 | 2.83 |
| Providence, R. I. | • | | • | | 2.66 |
| Cleveland, Ohio | | | • | 660,000 | |
| New Orleans, La. | | | • | 360,000 | 2.60 |
| New Orleans, La. Fall River, Mass. | | | | 125,000 | 2.57 |
| Lowell, Mass | | | | 110,000 | 2.57 |
| Buffalo, N. Y Dayton, Ohio . | | | | 460,000 | 2.54 |
| Dayton, Ohio . | | | | 130,000 | 2.54 |
| Chicago, III. | | | : | 2,450,000 | 2.46 |
| Los Angeles, Cal. | | | | 450,000 | 2.38 |
| Los Angeles, Cal. Paterson, N. J. New Haven, Conn. | | | | 135,000 | 2.32 |
| Now Haven Conn | • | | | 148,000 | 2.30 |
| San Francisco, Ca | | | • | 450,000 | 2.30 |
| | | | | | 2.21 |
| Washington, D. C. | | | • | 353,378 | |
| Oakland, Cal Scranton, Pa New Bedford, Mas | | | • | 200,000 | 1.94 |
| Scranton, Pa. | | | • | 145,000 | 1.91 |
| New Bedford, Mas | s. | | | 114,000 | 1.87 |
| Milwankee, Wis. | | | | 420,000 | 1.85 |
| Syracuse, N. Y. Omaha, Neb. | | | | 160,000 | 1.85 |
| Omaha, Neb | | Ι. | | 130,000 | 1.77 |
| Cambridge Mass. | | | | 110,000 | 1.75 |
| Cambridge, Mass. Cincinnati, Ohio | : | | | 402,000 | 1.74 |
| San Antonio, Texa | | | • | 115,063 | $1.74 \\ 1.70$ |
| Canalan N T | .5 | | | 109,000 | 1.68 |
| Camden, N. J. | • | | | 102,000 | |
| Philadelphia, Pa. | | | | 1,660,000 | 1.68 |
| Youngstown, Ohio | | | | 103,000 | 1.68 |
| Philadelphia, Pa. Youngstown, Ohio New York, N. Y. | | | | 5,693,667 | 1.44 |
| Toledo, Ohio . Dallas, Texas . | | | | 195,000 | 1.33 |
| Dallas, Texas . | | | | 110,000 | 1.27 |
| GRAND RAPIDS, | MI | CH. | | 125,000 | 1.26 |
| Jersey City, N. J. | 112. | | | 300,000 | 1.24 |
| Poshostor N V | | | | 250,000 | 1.23 |
| Rochester, N. Y. Denver, Colo | • | | | 250,000 | |
| Denver, Colo | | | • | | |
| Baltimore, Md. Salt Lake City, Ut | ٠, | | | 600,000 | |
| Salt Lake City, Ut | ah | | | 110,000 | |
| Richmond, Va | | | | 165,000 | |
| Reading, Pa | | | | 105,000 | 1.01 |
| Bridgeport, Conn. | | | | 115,000 | .89 |
| Columbus, Ohio | | | | 204,000 | .80 |
| | | | | | |



THE FINEST AND LARGEST MASONIC TEMPLE IN MICHIGAN UNDER CONSTRUCTION 1915

POPULATION

| 10102222 | | | | | | | | | | | | |
|----------|----|-------|----|-----|-----|----|----|-----|-----|------------|--|--|
| (Unit | ed | St | at | es | C | en | su | s i | Sta | tatistics) | | |
| YEAR | | | | | | | | | POI | PULATION | | |
| 1850 | | | | | | | | | | 2,686 | | |
| 1860 | | | | | | | | | | 8,085 | | |
| 1870 | | | | | | | | | | 16,507 | | |
| 1880 | | | | | | | | | | 32,016 | | |
| 1890 | | ď | i | | | | | | | 60,278 | | |
| 1900 | • | • | · | | | · | · | | | 87,565 | | |
| 1910 | | • | ٠ | • | • | | • | i | | 112,571 | | |
| 1914 | Jı | . 137 | 1 | ot. | ٠. | | • | • | • | 123,227 | | |
| | (E | | | | | ٠. | • | | • | 130,000 | | |
| 1915 | (E | SU | m | au | eu, | , | ٠ | • | • | 150,000 | | |



THE MERTENS HOTEL

BUILT IN 1914

PER CAPITA FIRE LOSSES

(Year ending December 31, 1914)

| (Year ending | Dec | ember | 31, 1914 |) |
|--|-----|-------|-----------|---------------------|
| | | | POPULA- | PER |
| CITY | | | TION 1914 | LOSS |
| Trenton N J | | | 103,000 | 15.32 |
| Trenton, N. J Spokane, Wash | • | | 138,000 | 7.86 |
| Diamin who me Alo | • | | 170,000 | 7.37 |
| Birmingham, Ala | • | | | |
| Portland, Ore Memphis, Tenn Albany, N. Y | • | | 260,000 | 6.78 |
| Memphis, Tenn. | | | 145,000 | 5.67 |
| Albany, N. Y | | | 110,000 | 5.46 |
| Houston, Texas Boston, Mass. | | | 110,000 | 4.79 |
| Boston, Mass | | | 750,000 | 4.06 |
| Indianapolis, Ind | | | 260,000 | 3.86 |
| Atlanta, Ga | | | 180,000 | 3.73 |
| Worcester, Mass. | | | 165,000 | 3.66 |
| Tacoma, Wash. | | | 102,000 | 3.61 |
| Tacoma, Wash. Hartford, Conn. | - | | 110,000 | 3.54 |
| | • | | 280,000 | 3.46 |
| T ' '33 TT | • | | 250,000 | 3.42 |
| Louisville, Ky | | | 790,000 | 3.42 |
| Manhailla Tana | • | | 114,899 | 3.31 |
| Nashville, 1 enn. | | | | $\frac{3.31}{3.20}$ |
| Newark, N. J | | | 400,000 | |
| Springfield, Mass | | | 102,000 | 3.19 |
| ot. Faul, Milli | | | 240,000 | 3.13 |
| Minneapolis, Minn. | | | 350,000 | 3.10 |
| Pittsburgh, Pa | | | 565,000 | 3.10 |
| Detroit, Mich Seattle, Wash | | | 560,000 | 2.99 |
| Seattle, Wash | | | 303,000 | 2.96 |
| Providence, R. I | | | 245,000 | 2.83 |
| Cleveland, Ohio . | | | 660,000 | 2.66 |
| New Orleans, La | • | | 360,000 | 2.60 |
| Fall River, Mass | • | | 125,000 | 2.57 |
| Lawell Maga | • | | 110,000 | 2.57 |
| Duffels N V | | | 460,000 | 2.54 |
| Lowell, Mass Buffalo, N. Y Dayton, Ohio | • | | | 2.54 |
| Dayton, Onio | | | 130,000 | |
| Chicago, Ill. | • | | 2,450,000 | 2.46 |
| Los Angeles, Cal Paterson, N. J | | | 450,000 | 2.38 |
| Paterson, N. J. | | | 135,000 | 2.32 |
| New Haven, Conn. | | | 148,000 | 2.30 |
| San Francisco, Cal. | | | 450,000 | 2.30 |
| Washington, D. C. | | | 353,378 | 2.21 |
| Oakland, Cal | | | 200,000 | 1.94 |
| Scranton, Pa New Bedford, Mass. | | | 145,000 | 1.91 |
| New Bedford, Mass. | | | 114,000 | 1.87 |
| Milwaukee, Wis. | | | 420,000 | 1.85 |
| Milwaukee, Wis Syracuse, N. Y Omaha, Neb | | | 160,000 | 1.85 |
| Omaha, Neb | • | | 130,000 | 1.77 |
| Cambridge Mass | • | | 110,000 | |
| Cambridge, Mass Cincinnati, Ohio . | • | | 402,000 | 1.74 |
| Cincinnati, Onto . | | | 115,063 | 1.70 |
| San Antonio, Texas | | | | |
| Camden, N. J | | | 102,000 | 1.68 |
| Philadelphia, Pa. Youngstown, Ohio New York, N. Y. | • | | 1,660,000 | 1.68 |
| Youngstown, Ohio | | | 103,000 | |
| New York, N. Y. | | | 5,693,667 | |
| Toledo, Ohio Dallas, Texas | | | 195,000 | |
| Dallas, Texas | | | 110,000 | |
| GRAND RAPIDS, I | MIC | н | 125,000 | 1.26 |
| Jersey City, N. J. | | | 300,000 | 1.24 |
| Rochester, N. Y. | | | 250,000 | |
| Rochester, N. Y Denver, Colo | | | 250,000 | |
| Baltimore Md | | | 600,000 | |
| Baltimore, Md Salt Lake City, Uta | h · | | 110,000 | |
| Pighmond Vo | | | 165,000 | |
| Richmond, Va | | | | |
| Reading, Pa | | | 105,000 | |
| Bridgeport, Conn Columbus, Ohio . | | | 115,000 | |
| Columbus, Ohio . | | | 204,000 | .80 |



THE FINEST AND LARGEST MASONIC TEMPLE IN MICHIGAN UNDER CONSTRUCTION 1915

POPULATION

| | | | U, | | | | | | | |
|-------|-----|-----|-----|-----|-----|----|---|-------------|-----|----------|
| (Unit | St | at | es | C | ens | su | s | Statistics) | | |
| YEAR | | | | | | | | | POI | PULATION |
| 1850 | | | | | | | | | | 2,686 |
| 1860 | | | | | | | | | | 8,085 |
| 1870 | | | | | | | | | | 16,507 |
| 1880 | | | | | | | | | | 32,016 |
| 1890 | · | | | | | | | | | 60,278 |
| 1900 | · | | Ċ | | Ċ | | | | | 87,565 |
| 1910 | · | Ċ | | | Ċ | | | | | 112,571 |
| 1914 | (Ji | uly | 1 | st) |) | | Ĺ | | | 123,227 |
| 1915 | | sti | | | | | Ĺ | | Ċ | 130,000 |
| 1010 | 1 | | *** | | ,,, | | • | - | - | |



THE MERTENS HOTEL

BUILT IN 1914



GRAND RAPIDS NATIONAL CITY BANK BUILDING COMPLETED 1915

| i | | BUILDING | PERMITS |
|---|------|----------|------------|
| ĺ | YEAR | NUMBER | AMOUNT |
| ı | 1900 | 498 | \$ 735,951 |
| ı | 1901 | 727 | 1,061,550 |
| ı | 1902 | 976 | 1,388,944 |
| ı | 1903 | 1,176 | 1,386,704 |
| | 1904 | 1,328 | 1,635,624 |
| ı | 1905 | 1,486 | 2,145,265 |
| I | 1906 | 1,250 | 2,181,306 |
| ١ | 1907 | 1,174 | 2,053,756 |
| I | 1908 | 1,064 | 2,181,759 |
| ı | 1909 | 1,290 | 2,872,427 |
| l | 1910 | 1,268 | 2,255,621 |
| l | 1911 | 1,280 | 2,508,714 |
| I | 1912 | 1,432 | 2,457,211 |
| ı | 1913 | 1,758 | 4,142,904 |
| l | 1914 | 1,983 | 4,175,119 |
| ı | | | |



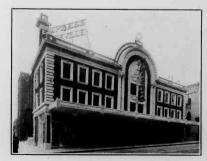
THE HOME OF THE EVENING PRESS



B. P. O. E. TEMPLE

ASSESSED VALUATION

| ı | | | | | | | | | | |
|---|------|---|---|---|---|---|---|---|----|-------------|
| ı | YEAR | | | | | | | | | AMOUNT |
| | 1900 | | | | | | | | \$ | 43,264,021 |
| ı | 1901 | | | | | | | | | 59,956,729 |
| ı | 1902 | | | | | | | | | 71.313.491 |
| ı | 1903 | | | | Ċ | | | | | 72,348,811 |
| ı | 1904 | Ċ | Ċ | Ċ | Ċ | | | | | 73,933,600 |
| ı | 1905 | • | ٠ | | ٠ | • | • | • | | 74.507.026 |
| | 1906 | • | | • | • | • | • | • | | 77.036.000 |
| | 1907 | • | | • | • | • | ٠ | • | | 78.834.500 |
| ì | | • | • | • | • | • | • | • | | / / |
| l | 1908 | | | | | | | | | 80,043,002 |
| | 1909 | | | | | | | | | 83,528,700 |
| ı | 1910 | | | | | | | | | 85,324,200 |
| i | 1911 | | | | | | | | | 89,143,665 |
| ļ | 1912 | | | | | | | | | 93,235,238 |
| ı | 1913 | | | | | | | | 1 | 102.293.177 |
| | 1914 | | | | i | Ċ | Ċ | | | 60,842,216 |
| ı | 1915 | · | | | | | ı | • | | , , |
| ı | 1919 | • | • | • | • | • | ٠ | • | 1 | 163,212,622 |
| | | | | | | | | | | |



EMPRESS THEATRE

BUILT IN 1914



GRAND RAPIDS NATIONAL CITY BANK BUILDING COMPLETED 1915

| BUILDING PERMITS | | | | | | | | | | | |
|------------------|--------|------------|--|--|--|--|--|--|--|--|--|
| YEAR | NUMBER | AMOUNT | | | | | | | | | |
| 1900 | 498 | \$ 735,951 | | | | | | | | | |
| 1901 | 727 | 1,061,550 | | | | | | | | | |
| 1902 | 976 | 1,388,944 | | | | | | | | | |
| 1903 | 1,176 | 1,386,704 | | | | | | | | | |
| 1904 | 1,328 | 1,635,624 | | | | | | | | | |
| 1905 | 1,486 | 2,145,265 | | | | | | | | | |
| 1906 | 1,250 | 2,181,306 | | | | | | | | | |
| 1907 | 1,174 | 2,053,756 | | | | | | | | | |
| 1908 | 1,064 | 2,181,759 | | | | | | | | | |
| 1909 | 1,290 | 2,872,427 | | | | | | | | | |
| 1910 | 1,268 | 2,255,621 | | | | | | | | | |
| 1911 | 1,280 | 2,508,714 | | | | | | | | | |
| 1912 | 1,432 | 2,457,211 | | | | | | | | | |
| 1913 | 1,758 | 4,142,904 | | | | | | | | | |
| 1914 | 1,983 | 4,175,119 | | | | | | | | | |



THE HOME OF THE EVENING PRESS



B. P. O. E. TEMPLE

ASSESSED VALUATION

| l | YEAR | | | | | | | | AMOUNT |
|---|------|---|---|----|---|----|---|----|------------------|
| | 1900 | | | | | | | | \$ 43,264,021 |
| l | 1901 | | | | | | | | 59,956,729 |
| i | 1902 | • | | Ĭ. | | | | | 71,313,491 |
| ۱ | 1903 | • | ٠ | ٠ | • | Ĭ. | | Ĺ | 72,348,811 |
| ١ | 1904 | • | • | • | ٠ | ٠ | • | | 73,933,600 |
| ı | 1905 | • | • | • | • | • | | · | 74,507,026 |
| I | | ٠ | • | • | • | • | • | • | 77,036,000 |
| | 1906 | | • | ٠ | ٠ | ٠ | • | ٠ | 78,834,500 |
| ì | 1907 | | ٠ | ٠ | ٠ | ٠ | ٠ | ٠ | |
| | 1908 | | | | | ٠, | • | | 80,043,002 |
| | 1909 | | | | | | | | 83,528,700 |
| | 1910 | | | | | | | | 85,324,200 |
| | 1911 | | | | | | | | 89,143,665 |
| | 1912 | | | | | | | | 93,235,238 |
| | 1913 | | | | | | | ١. | 102,293,177 |
| | 1914 | | | | | | | | 160,842,216 |
| | 1915 | | | | | | | | 163,212,622 |
| | 1010 | • | | | - | | | | |



EMPRESS THEATRE

BUILT IN 1914



SOUTH END HIGH SCHOOL

Under Construction 1915

SCHOOL ENROLLMENT

| | PUBLIC | PAROCHIAL AND PRI- | |
|------|---------|-----------------------|--------|
| YEAR | SCHOOLS | VATE SCHOOLS | TOTAL |
| 1900 | 15,882 | 3,007 | 18,889 |
| 1901 | 15,937 | 3,599 | 19,536 |
| 1902 | 15,880 | 4,283 | 20,163 |
| 1903 | 15,730 | 4,403 | 20,133 |
| 1904 | 15,662 | 4,450 | 20,112 |
| 1905 | 15,539 | 5,112 | 20,651 |
| 1906 | 15,621 | 5,928 | 21,549 |
| 1907 | 15,650 | 5,853 | 21,503 |
| 1908 | 15,970 | 5,587 | 21,557 |
| 1909 | 15,983 | 5,926 | 21,909 |
| 1910 | 16,248 | 6,323 | 22,573 |
| 1911 | 16,505 | 7,043 | 23,548 |
| 1912 | 16,584 | 7,341 | 23,925 |
| 1913 | 17,352 | 7,286 | 24,638 |
| 1914 | 17,689 | 7,475 | 25,164 |
| | | | |



FRANKLIN STREET SCHOOL

COMPLETED 1915



THE PUBLIC LIBRARY

PUBLIC LIBRARY

| | FUBLIC LIBITA | .14.1 |
|------|---------------------|-----------------|
| | NUMBER OF | momar was |
| YEAR | VOLUMES | TOTAL USE |
| 1900 | 56,402 | 223,097 |
| 1901 | 58,132 | 239,776 |
| 1902 | 60,762 | 227,574 |
| 1903 | 62,234 | 226,526 |
| 1904 | 63,091 | *143,615 |
| 1905 | 66,520 | 249,872 |
| 1906 | 73,573 | 337,590 |
| 1907 | 83,354 | 461,028 |
| 1908 | 92,558 | 598,233 |
| 1909 | 101,433 | 654,713 |
| 1910 | 107,447 | 641,822 |
| 1911 | 115,650 | 659,069 |
| 1912 | 122,152 | 733,776 |
| 1913 | 131,484 | 790,235 |
| 1914 | 145,018 | 851,687 |
| 400 | . I worldoon Abia a | and course down |

*Change in law making this year cover seven months only.



THE MUNICIPAL FILTRATION PLANT COMPLETED 1914



SOUTH END HIGH SCHOOL

Under Construction 1915

SCHOOL ENROLLMENT

| | | PAROCHIAL | |
|------|---------|--------------|--------|
| | PUBLIC | AND PRI- | |
| YEAR | SCHOOLS | VATE SCHOOLS | TOTAL |
| 1900 | 15,882 | 3,007 | 18,889 |
| 1901 | 15,937 | 3,599 | 19,536 |
| 1902 | 15,880 | 4,283 | 20,163 |
| 1903 | 15,730 | 4,403 | 20,133 |
| 1904 | 15,662 | 4,450 | 20,112 |
| 1905 | 15,539 | 5,112 | 20,651 |
| 1906 | 15,621 | 5,928 | 21,549 |
| 1907 | 15,650 | 5,853 | 21,503 |
| 1908 | 15,970 | 5,587 | 21,557 |
| 1909 | 15,983 | 5,926 | 21,909 |
| 1910 | 16,248 | 6,323 | 22,573 |
| 1911 | 16,505 | 7,043 | 23,548 |
| 1912 | 16,584 | 7,341 | 23,925 |
| 1913 | 17,352 | 7,286 | 24,638 |
| 1914 | 17,689 | 7,475 | 25,164 |



FRANKLIN STREET SCHOOL

COMPLETED 1915



THE PUBLIC LIBRARY

PUBLIC LIBRARY

| | PUBLIC LIDIA | .101 |
|------|----------------------|-----------|
| YEAR | NUMBER OF VOLUMES | TOTAL USE |
| 1900 | 56,402 | 223,097 |
| 1901 | 58,132 | 239,776 |
| 1902 | 60,762 | 227,574 |
| 1903 | $62,\!234$ | 226,526 |
| 1904 | 63,091 | *143,615 |
| 1905 | 66,520 | 249,872 |
| 1906 | 73,573 | 337,590 |
| 1907 | 83,354 | 461,028 |
| 1908 | 92,558 | 598,233 |
| 1909 | 101,433 | 654,713 |
| 1910 | 107,447 | 641,822 |
| 1911 | 115,650 | 659,069 |
| 1912 | 122,152 | 733,776 |
| 1913 | 131,484 | 790,235 |
| 1914 | 145,018 | 851,687 |

*Change in law making this year cover seven months only.



THE MUNICIPAL FILTRATION PLANT COMPLETED 1914



MONROE AVENUE AND PEARL STREET

LOOKING EAST

BUILDING AND LOAN ASSOCIATIONS

| YEAR | TOTAL MEM- BERSHIP | BORROWIN MEMBERS | | ASSETS | |
|------|--------------------------|---------------------|----|----------|--|
| | | | | | |
| 1900 | 2,310 | 664 | \$ | 864,618 | |
| 1901 | 2,281 | 695 | | 830,551 | |
| 1902 | 2,754 | 868 | | 917,067 | |
| 1903 | 3,064 | 1,031 | 1 | ,058,552 | |
| 1904 | 3,380 | 1,112 | 1 | ,224,631 | |
| 1905 | 3,622 | 1,244 | 1 | ,363,399 | |
| 1906 | 4,041 | 1,342 | 1 | ,531,547 | |
| 1907 | 4,192 | 1,381 | 1 | ,762,636 | |
| 1908 | 4,506 | 1,475 | 1 | ,925,541 | |
| 1909 | 5,042 | 1,809 | 2 | ,213,919 | |
| 1910 | 5,873 | 2,157 | 2 | ,583,196 | |
| 1911 | 6,587 | 2,379 | 3 | ,047,188 | |
| 1912 | 7,433 | 2,655 | 3 | ,604,100 | |
| 1913 | 8,003 | 2,927 | 4 | ,145,018 | |
| 1914 | 8,555 | 3,080 | 4 | ,475,623 | |



MONROE AVENUE AND PEARL STREET

LOOKING NORTH



A FURNITURE FACTORY

Built in 1914

FACTORIES AND EMPLOYES.

| ۱ | 111010. | | |
|---|---------|------------------------|----------|
| ١ | YEAR | NUMBER OF FACTORIES | EMPLOYES |
| I | 1900 | 324 | 15,139 |
| ١ | 1901 | 329 | 15,454 |
| i | 1902 | 347 | 16,271 |
| l | 1903 | 383 | 18,463 |
| | 1904 | 379 | 18,775 |
| ı | 1905 | 411 | 19,329 |
| | 1906 | 423 | 20,655 |
| į | 1907 | 457 | 22,466 |
| 1 | 1908 | 469 | 23,764 |
| | 1909 | 492 | 20,087 |
| ı | 1910 | 508 | 22,238 |
| | 1911 | 532 | 24,793 |
| | 1912 | 586 | 25,127 |
| | 1913 | 649 | 26,648 |
| | 1914 | 740 | 28,510 |
| | | | |



A FURNITURE FACTORY

COMPLETED 1915



Monroe Avenue and Pearl Street

LOOKING EAST

BUILDING AND LOAN ASSO-CIATIONS

| | CITI | 110110 | |
|------|---------|----------|------------|
| | | BORROWIN | |
| YEAR | BERSHIP | MEMBERS | ASSETS |
| 1900 | 2,310 | 664 | \$ 864,618 |
| 1901 | 2,281 | 695 | 830,551 |
| 1902 | 2,754 | 868 | 917,067 |
| 1903 | 3,064 | 1,031 | 1,058,552 |
| 1904 | 3,380 | 1,112 | 1,224,631 |
| 1905 | 3,622 | 1,244 | 1,363,399 |
| 1906 | 4,041 | 1,342 | 1,531,547 |
| 1907 | 4,192 | 1,381 | 1,762,636 |
| 1908 | 4,506 | 1,475 | 1,925,541 |
| 1909 | 5,042 | 1,809 | 2,213,919 |
| 1910 | 5,873 | 2,157 | 2,583,196 |
| 1911 | 6,587 | 2,379 | 3,047,188 |
| 1912 | 7,433 | 2,655 | 3,604,100 |
| 1913 | 8,003 | 2,927 | 4,145,018 |
| 1914 | 8,555 | 3,080 | 4,475,623 |
| | | | |



Monroe Avenue and Pearl Street

LOOKING NORTH



A FURNITURE FACTORY

BUILT IN 1914

FACTORIES AND EMPLOYES.

| YEAR | NUMBER OF FACTORIES | EMPLOYES |
|------|------------------------|----------|
| 1900 | 324 | 15,139 |
| 1901 | 329 | 15,454 |
| 1902 | 347 | 16,271 |
| 1903 | 383 | 18,463 |
| 1904 | 379 | 18,775 |
| 1905 | 411 | 19,329 |
| 1906 | 423 | 20,655 |
| 1907 | 457 | 22,466 |
| 1908 | 469 | 23,764 |
| 1909 | 492 | 20,087 |
| 1910 | 508 | 22,238 |
| 1911 | 532 | 24,793 |
| 1912 | 586 | 25,127 |
| 1913 | 649 | 26,648 |
| 1914 | 740 | 28,510 |
| | | |



A FURNITURE FACTORY

COMPLETED 1915

COMPARATIVE STATEMENT OF GRAND RAPIDS BANKS, JUNE 23, 1915.

RESOURCES June 23rd, 1915

| Total Resources | \$ 4,204,405.20 | 8,875,578.33 | 9,395,437.30 | 1,679,210.86 | 2,650,552.32 | 4,580,155.47 | 8,422,346.98 | 2,262,853.53 | 657,700.21 | 640,674.35 | 2,092,827.19 | \$45,461,743.74 |
|------------------------------|-----------------|------------------------------|--------------|----------------------|--------------------|----------------------|--------------|-----------------|--------------------------|----------------------------|------------------------|-----------------|
| Over- Drafts | \$ 1,250.90 | 7,232.91 | 607.30 | 1,377.37 | 1,524.51 | 2,973.93 | 4,663.05 | 120.60 | 369.56 | | | \$20,120.13 |
| Real Estate and Furniture | \$ 253,175.01 | 616,302.67 | 304,207.46 | 35,681.84 | 105,000.00 | 18,556.98 | 52,576.96 | 56,603.41 | 11,000.00 | 31,075.46 | 2,189.55 | \$1,486,369.34 |
| Due From Banks | \$ 545,155.31 | 898,502.87 | 1,063,536.48 | 181,637.32 | 164,945.44 | 340,539.72 | 834,903.15 | 129,607.90 | 97,536.76 | 137,858.80 | 385,575.40 | \$4,779,799.15 |
| Cash and Cash Items | \$ 262,165.43 | 361,347.53 | 475,196.51 | 177,858.20 | 198,351.05 | 303,676.18 | 572,281.31 | 164,776.58 | 55,724.12 | 5,594.34 | 10,267.81 | \$2,587,239.06 |
| Loans and Investments | \$ 3,142,658.55 | 6,992,192.35 | 7,551,889.55 | 1,282,656.13 | 2,180,731.32 | 3,914,408.66 | 6,957,924.51 | 1,911,745.04 | 493,069.77 | 466,145.75 | 1,694,794.43 | \$36,588,216.06 |
| | | ٠ | ٠ | | | ٠ | | ٠ | | ٠ | ٠ | |
| | • | | • | • | | • | • | • | | • | • | • |
| BANK | Fourth National | Grand Rapids National City . | Old National | City Trust & Savings | Commercial Savings | Grand Rapids Savings | Kent State | Peoples Savings | South Grand Rapids State | Grand Rapids Trust Company | Michigan Trust Company | Total |

LIABILITIES

| | Total Liabilities | \$ 4,204,405.20 | 8,875,578.33 | 9,395,437.30 | 1,679,210.86 | 2,650,552.32 | 4,580,155.47 | 8,422,348.98 | 2,262,853.53 | 657,700.21 | 640,674.35 | 2,092,827.19 | \$45,461,743.74 |
|-----------------|-------------------------------|-----------------|------------------------------|--------------|----------------------|--------------------|----------------------|--------------|-----------------|----------------------------|----------------------------|------------------------|-----------------|
| | Miscel- laneous | €\$- | 200,000.00 | | | 191.00 | 64,987.06 | 577.55 | 42.00 | 15.00 | | 356,418.00 | \$622,230.69 |
| | Total Deposits | \$ 3,328,235.04 | 6,263,635.65 | 6,812,862.03 | 1,392,116.18 | 2,346,970.36 | 4,071,940.94 | 7,369,832.76 | 2,036,266.21 | 610,321.38 | 173,286.34 | 753,677.87 | \$35,159,144.76 |
| , 1915 | Circu- lation | \$ 299,997.50 | 900,002.50 | 800,000.00 | | | | | | | | | \$2,000,000.00 |
| June 23rd, 1915 | Surplus and Undivided Profits | \$ 276,172.66 | 511,940.18 | 982,575.27 | 87,094.68 | 103,390.96 | 193,227.47 | 551,938.67 | 126,545.32 | 22,363.83 | 167,388.01 | 782,731.24 | \$3,805,368.29 |
| | Capital | \$ 300,000.00 | 1,000,000.00 | 800,000.00 | 200,000.00 | 200,000.00 | 250,000.00 | 500,000.00 | 100,000.00 | 25,000.00 | 300,000.00 | 200,000.00 | \$3,875,000.00 |
| | | • | | | • | • | • | • | • | • | | | |
| | | | | | | | | | | | Α. | | |
| | BANK | Fourth National | Grand Rapids National City . | Old National | City Trust & Savings | Commercial Savings | Grand Rapids Savings | Kent State | Peoples Savings | South Grand Rapids State . | Grand Rapids Trust Company | Michigan Trust Company | Total |



THE FEDERAL BUILDING AND POST OFFICE

POSTOFFICE RECEIPTS

| - | U | . 0 | | | 701 | CLII IS |
|------|---|-----|--|--|-----|--------------|
| YEAR | | | | | | AMOUNT |
| 1900 | | | | | | \$232,952.60 |
| 1901 | | | | | | 246,847.31 |
| 1902 | | | | | | 281,826.46 |
| 1903 | | | | | | 314,200.44 |
| 1904 | | | | | | 334,822.88 |
| 1905 | | | | | | 342,925.61 |
| 1906 | | | | | | 373,986.45 |
| 1907 | | | | | | 390,292.41 |
| 1908 | | | | | | 401,334.87 |
| 1909 | | | | | | 441,234.87 |
| 1910 | | | | | | 494,302.37 |
| 1911 | | | | | | 498,688.61 |
| 1912 | | | | | | 551,898.18 |
| 1913 | | | | | | 626,416.61 |
| 1914 | | | | | | 653.144.19 |



A Typical Wholesale House

COMPLETED 1914



Cost \$400,000 New Y. M. C. A. Building Completed 1915

BANK AND TRUST COMPANIES CAPITAL AND SURPLUS

| _ | | | 12 | ~ | , 0 | iti iico |
|------|------|------|--------|---|-----|-------------|
| YEAR | | | | | | AMOUNT |
| Feb. | 1900 | | | | | \$3,514,000 |
| Feb. | 1901 | | | | | 3,560,000 |
| Feb. | 1902 | | | | | 3,585,000 |
| Feb. | 1903 | | | | | 3,657,000 |
| Jan. | 1904 | | | | | 3,974,000 |
| Jan. | 1905 | | | | | 4,010,000 |
| Jan. | 1906 | | | | | 4,584,000 |
| Jan. | 1907 | | | | | 4,765,000 |
| Feb. | 1908 | | | | | 4,679,500 |
| Apr. | 1909 | | | | | 4,863,000 |
| Jan. | 1910 | | | | | 5,049,500 |
| Jan. | 1911 | | | | | 5,158,500 |
| Apr. | 1912 | | | | | 5,392,000 |
| Feb. | 1913 | | | | | 5,770,000 |
| Jan. | 1914 | .= | | | | 6,323,700 |
| Mar. | 1915 | | | | | 6,547,000 |



A New \$1,000,000 Hospital Under Construction 1915



THE FEDERAL BUILDING AND POST OFFICE

POSTOFFICE RECEIPTS

| | U | 01 | . • | | ., | - | |
|------|----|----|-----|--|--------|---|--------------|
| YEAR | | | | | | | AMOUNT |
| 1900 | | | | | | | \$232,952.60 |
| 1901 | | | | | | | 246,847.31 |
| 1902 | | | | | | | 281,826.46 |
| 1903 | | | | | | | 314,200.44 |
| 1904 | ı, | | | | | | 334,822.88 |
| 1905 | | | ı | | | | 342,925.61 |
| 1906 | | | | | | | 373,986.45 |
| 1907 | | | | | | | 390,292.41 |
| 1908 | | | | | | | 401,334.87 |
| 1909 | | | | | | | 441,234.87 |
| 1910 | | | | | | | 494,302.37 |
| 1911 | | | | | | | 498,688.61 |
| 1912 | | | | | | | 551,898.18 |
| 1913 | | | | | | | 626,416.61 |
| 1914 | | | | | | | 653,144.19 |
| | | | | | | | |



A Typical Wholesale House

COMPLETED 1914



New Y. M. C. A. Building Completed 1915

BANK AND TRUST COMPANIES CAPITAL AND SURPLUS

| - | | | | ~ | 202 2300 |
|------|------|------|------|---|-------------|
| YEAR | | | | | AMOUNT |
| Feb. | 1900 | | | | \$3,514,000 |
| Feb. | 1901 | | | | 3,560,000 |
| Feb. | 1902 | | | | 3,585,000 |
| Feb. | 1903 | | | | 3,657,000 |
| Jan. | 1904 | | | | 3,974,000 |
| Jan. | 1905 | | | | 4,010,000 |
| Jan. | 1906 | | | | 4,584,000 |
| Jan. | 1907 | | | | 4,765,000 |
| Feb. | 1908 | | | | 4,679,500 |
| Apr. | 1909 | | | | 4,863,000 |
| Jan. | 1910 | | | | 5,049,500 |
| Jan. | 1911 | | | | 5,158,500 |
| Apr. | 1912 | | | | 5,392,000 |
| Feb. | 1913 | | | | 5,770,000 |
| Jan. | 1914 | | | | 6,323,700 |
| Mar. | 1915 | | | | 6,547,000 |



A New \$1,000,000 Hospital Under Construction 1915



MUNICIPAL PUMPING STATION

SAVINGS DEPOSITS

| | ~ | | ~ | | ٠. | |
|------|------|------|---|------|----|-------------|
| YEAR | | | | | | AMOUNT |
| Feb. | 1900 | | | | | \$7,754,557 |
| Feb. | 1901 | | | | | 8,447,982 |
| Feb. | 1902 | | | | | 10,177,826 |
| Feb. | 1903 | | | | | 11,451,003 |
| Jan. | 1904 | | | | | 11,412,110 |
| Jan. | 1905 | | | | | 11,496,832 |
| Jan. | 1906 | | | | | 12,365,522 |
| Jan. | 1907 | | | | | 12,678,362 |
| Feb. | 1908 | | | | | 12,154,939 |
| Feb. | 1909 | | | | | 12,929,531 |
| Jan. | 1910 | | | | | 13,864,548 |
| Jan. | 1911 | | | | | 15,150,783 |
| Feb. | 1912 | | | | | 16,352,731 |
| Feb. | 1913 | | | | | 17,789,071 |
| Jan. | 1914 | | | | | 17,226,710 |
| Mar. | 1915 | | | | | 20,567,890 |



Michigan Railway Company's Bridge Over Grand River Completed 1915



THE D. A. BLODGETT HOME FOR CHILDREN

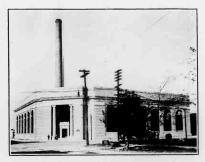
BANK LOANS AND DISCOUNTS

| YEAR AMOUNT Feb. 1900 \$10,179,257 Feb. 1901 10,804,420 Feb. 1902 13,594,610 Feb. 1903 14,822,866 Jan. 1904 15,548,834 Jan. 1905 15,868,050 Jan. 1907 18,508,940 Feb. 1908 17,473,739 Feb. 1909 16,124,205 Feb. 1910 18,537,703 Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 Mar. 1915 21,660,961 | | | | - | | | |
|--|------|------|------|---|------|-----|------------|
| Feb. 1901 10,804,420 Feb. 1902 13,594,610 Feb. 1903 14,822,866 Jan. 1904 15,548,834 Jan. 1905 15,868,050 Jan. 1906 17,285,829 Jan. 1907 18,508,940 Feb. 1908 17,478,739 Feb. 1909 16,124,205 Feb. 1910 18,537,703 Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | YEAR | | | | | | AMOUNT |
| Feb. 1902 13,594,610 Feb. 1903 14,822,866 Jan. 1904 15,548,834 Jan. 1905 15,868,050 Jan. 1906 17,285,829 Jan. 1907 18,508,940 Feb. 1908 17,473,739 Feb. 1910 18,537,703 Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Feb. | 1900 | | | | \$1 | 0,179,257 |
| Feb. 1903 14,822,866 Jan. 1904 15,548,834 Jan. 1905 15,868,050 Jan. 1906 17,285,829 Jan. 1907 18,508,940 Feb. 1908 17,473,739 Feb. 1909 16,124,205 Feb. 1910 18,537,703 Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Feb. | 1901 | | | | . 1 | 0,804,420 |
| Jan. 1904 15,548,834 Jan. 1905 15,868,050 Jan. 1906 17,285,829 Jan. 1907 18,508,940 Feb. 1908 17,473,739 Feb. 1910 18,537,703 Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Feb. | 1902 | | | | . 1 | 3,594,610 |
| Jan. 1905 15,868,050 Jan. 1906 17,285,829 Jan. 1907 18,508,940 Feb. 1908 17,473,739 Feb. 1909 16,124,205 Feb. 1910 18,537,703 Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Feb. | 1903 | | | | . 1 | 4,822,866 |
| Jan. 1906 17,285,829 Jan. 1907 18,508,940 Feb. 1908 17,478,739 Feb. 1909 16,124,205 Feb. 1910 18,537,703 Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Jan. | 1904 | | | | . 1 | 5,548,834 |
| Jan. 1907 18,508,940 Feb. 1908 17,473,739 Feb. 1909 16,124,205 Feb. 1910 18,537,703 Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Jan. | 1905 | | | | . 1 | 5,868,050 |
| Feb. 1908 17,473,789 Feb. 1909 16,124,205 Feb. 1910 18,537,703 Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Jan. | 1906 | | | | . 1 | 7,285,829 |
| Feb. 1909 16,124,205 Feb. 1910 18,537,703 Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Jan. | 1907 | | | | . 1 | 8,508,940 |
| Feb. 1910 18,537,703 Jan. 1911 19,048,585 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Feb. | 1908 | | | | . 1 | 7,473,739 |
| Jan. 1911 19,048,535 Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Feb. | 1909 | | | | . 1 | 6,124,205 |
| Feb. 1912 20,166,717 Feb. 1913 22,396,205 Jan. 1914 22,052,290 | Feb. | 1910 | | | | . 1 | 8,537,703 |
| Feb. 1913 | Jan. | 1911 | | | | . 1 | 9,048,535 |
| Jan. 1914 22,052,290 | Feb. | 1912 | | | | . 2 | 20,166,717 |
| 2022 | Feb. | 1913 | | | | . 2 | 2,396,205 |
| Mar. 1915 21,660,961 | Jan. | 1914 | | | | . 2 | 2,052,290 |
| | Mar. | 1915 | | | | . 2 | 21,660,961 |



A New Grade School

COMPLETED 1915



MUNICIPAL PUMPING STATION

SAVINGS DEPOSITS

| YEAR | | | | | AMOUNT |
|------|------|--|----|--|-------------|
| Feb. | 1900 | | | | \$7,754,557 |
| Feb. | 1901 | | | | 8,447,982 |
| Feb. | 1902 | | | | 10,177,826 |
| Feb. | 1903 | | ١. | | 11,451,003 |
| Jan. | 1904 | | | | 11,412,110 |
| Jan. | 1905 | | | | 11,496,832 |
| Jan. | 1906 | | | | 12,365,522 |
| Jan. | 1907 | | | | 12,678,362 |
| Feb. | 1908 | | | | 12,154,939 |
| Feb. | 1909 | | | | 12,929,531 |
| Jan. | 1910 | | | | 13,864,548 |
| Jan. | 1911 | | | | 15,150,783 |
| Feb. | 1912 | | | | 16,352,731 |
| Feb. | 1913 | | | | 17,789,071 |
| Jan. | 1914 | | | | 17,226,710 |
| Mar. | 1915 | | | | 20,567,890 |



Michigan Railway Company's Bridge Over Grand River Completed 1915



THE D. A. BLODGETT HOME FOR CHILDREN

BANK LOANS AND DISCOUNTS

| YEAR | | | | | AMOUNT |
|------|------|--|--|---|--------------|
| Feb. | 1900 | | | 9 | \$10,179,257 |
| Feb. | 1901 | | | | 10,804,420 |
| Feb. | 1902 | | | | 13,594,610 |
| Feb. | 1903 | | | | 14,822,866 |
| Jan. | 1904 | | | | 15,548,834 |
| Jan. | 1905 | | | | 15,868,050 |
| Jan. | 1906 | | | | 17,285,829 |
| Jan. | 1907 | | | | 18,508,940 |
| Feb. | 1908 | | | | 17,473,739 |
| Feb. | 1909 | | | | 16,124,205 |
| Feb. | 1910 | | | | 18,537,703 |
| Jan. | 1911 | | | | 19,048,535 |
| Feb. | 1912 | | | | 20,166,717 |
| Feb. | 1913 | | | | 22,396,205 |
| Jan. | 1914 | | | | 22,052,290 |
| Mar. | 1915 | | | | 21,660,961 |
| | | | | | |



A NEW GRADE SCHOOL

COMPLETED 1915



COMMERCIAL SAVINGS BANK BUILDING UNDER CONSTRUCTION 1915

| TOTAL | DANK | DEPOSITS |
|-------|------|----------|

| 1 | UIAI | 4 | DA | T. | n | D. | | COSTIB |
|------|------|---|----|----|---|----|---|-------------|
| YEAR | | | | | | | | AMOUNT |
| Feb. | 1900 | | | | | | 9 | 313,137,813 |
| Feb. | 1901 | | | | | | | 14,565,647 |
| Feb. | 1902 | | | | | | | 18,465,125 |
| Feb. | 1903 | | | | | | | 20,712,079 |
| Jan. | 1904 | | | | | | | 20,954,414 |
| Jan. | 1905 | | | | | | | 21,415,024 |
| Jan. | 1906 | | | | | | | 23,430,566 |
| Jan. | 1907 | | | | | | | 25,147,615 |
| Feb. | 1908 | | | | | | | 25,024,049 |
| Feb. | 1909 | | | | | | | 25,665,803 |
| Jan. | 1910 | | | | | | | 27,906,387 |
| Jan. | 1911 | | | | | | | 30,033,697 |
| Feb. | 1912 | | | | | | | 31,386,456 |
| Feb. | 1913 | | | | | | | 33,953,288 |
| Jan. | 1914 | | | | | | | 34,281,682 |
| Mar. | 1915 | | | | | | | 34,672,217 |
| | | | | | | | | |



GRAND RAPIDS SAVINGS BANK BUILDING UNDER CONSTRUCTION 1915

BANK CLEARINGS

| | _ | | _ | | • |
|------|---|--|---|------|---|
| YEAR | | | | | AMOUNT |
| 1900 | | | | | \$ 62,712,673 |
| 1901 | | | | | 69,768,292 |
| 1902 | | | | | 83,004,538 |
| 1903 | | | | | 97,704,458 |
| 1904 | | | | | 101,037,199 |
| 1905 | | | | | 108,755,281 |
| 1906 | | | | | 117,310,240 |
| 1907 | | | | | 121,943,337 |
| 1908 | | | | | 105,268,273 |
| 1909 | | | | | 123,782,904 |
| 1910 | | | | | 137,738,064 |
| 1911 | | | | | 139,176,400 |
| 1912 | | | | | 166,987,574 |
| 1913 | | | | | 170,674,607 |
| 1914 | | | | | 168,038,735 |
| | | | | | |



Commercial Savings Bank Building Under Construction 1915

| Т | OTAL | i | BA | N | K | D | EPOSITS |
|------|------|---|----|---|----|----|--------------|
| YEAR | | | | | | | AMOUNT |
| Feb. | 1900 | | | | | | \$13,137,813 |
| Feb. | 1901 | | | | | | . 14,565,647 |
| Feb. | 1902 | | | | | | . 18,465,125 |
| Feb. | 1903 | | | | | | . 20,712,079 |
| Jan. | 1904 | | | | ٠. | | . 20,954,414 |
| Jan. | 1905 | Ċ | Ċ | | Ė | | . 21,415,024 |
| Jan. | 1906 | | | | | | . 23,430,566 |
| Jan. | 1907 | ľ | Ċ | Ĭ | ı. | | . 25,147,615 |
| Feb. | 1908 | i | Ċ | Ċ | ı. | | . 25,024,049 |
| Feb. | 1909 | • | • | Ċ | Ė | ٠. | 25,665,803 |
| Jan. | 1910 | | ٠ | • | | | 27,906,387 |
| Jan. | 1911 | • | • | • | • | • | 30,033,697 |
| Feb. | 1912 | • | • | | | • | . 31,386,456 |
| Feb. | 1913 | • | | • | | • | . 33,953,288 |
| | | • | • | • | | • | . 34,281,682 |
| Jan. | 1914 | • | | • | • | | . 34,281,082 |
| Mar. | 1915 | • | | • | | • | . 54,012,211 |



GRAND RAPIDS SAVINGS BANK BUILDING UNDER CONSTRUCTION 1915

| | В | A | NI | (| CL | E | AR | RINGS |
|------|---|---|----|---|----|---|----|---------------|
| YEAR | | | | | | | | AMOUNT |
| 1900 | | | | | | | | \$ 62,712,673 |
| 1901 | | | | | | | | 69,768,292 |
| 1902 | | | | | | | | 83,004,538 |
| 1903 | | | | | | | | 97,704,458 |
| 1904 | | | | | | | | 101,037,199 |
| 1905 | | | | | | | | 108,755,281 |
| 1906 | | | | | | | | 117,310,240 |
| 1907 | | | | | | | | 121,943,337 |
| 1908 | | | | | | | | 105,268,273 |
| 1909 | | | | | | | | 123,782,904 |
| 1910 | | | | | | | | 137,738,064 |
| 1911 | | | | | | | | 139,176,400 |
| 1912 | | | | | | | | 166,987,574 |
| 1913 | | | | | | | | 170,674,607 |
| 1914 | | | | | | | | 168,038,735 |
| | | | | | | | | , , |

GAS RATES

| Los Angeles, Cal. Detroit, Mich Milwaukee, Wis San Francisco, Cal. Worcester, Mass GRAND RAPIDS, St. Louis, Mo Baltimore, Md. Boston, Mass | | | | | | | | .70 |
|--|-----|----|-----|---|----|----|---|--|
| Detroit Mich. | | | | | | | | .75 |
| Milwaukoo Wis | • | | | | | | | .75 |
| Can Francisco Cal | • | • | | | • | • | • | 75 |
| San Francisco, Cai. | • | • | • | | • | • | 1 | 75 |
| Worcester, Mass | | | • | | • | • | • | .10 |
| GRAND RAPIDS, | MIC | H. | ٠ | • | ٠ | • | • | .80 |
| St. Louis, Mo | | | | | ٠ | | ٠ | .80 |
| Baltimore, Md | | | | | | | | .80 .80 .80 |
| Boston, Mass Cambridge, Mass. Chicago, Ill | | | | | | | | .80 |
| Cambridge, Mass. | | | | | | | | .80 |
| Chicago, Ill | | | | | | | | .80 |
| Cleveland Ohio | | | | | | | | .80 |
| Denver Colo | · | | | - | | | | 80 |
| Deliver, Colo | | | • | • | • | | ٠ | 80 |
| Fall River, Mass | • | | • | • | | • | • | .00 |
| Minneapolis, Minn. | ٠ | • | • | • | • | • | • | .00 |
| New Bedford, Mass | | • | | | | • | ٠ | .80 |
| New York, N. Y. | | | | | | | ٠ | .80 |
| Dayton, Ohio | | | | | | | | .85 |
| Lowell, Mass | | | | | | | | .85 |
| Providence, R. I | | | | | | | | .85 |
| Springfield, Mass. | | | | | | | | .85 |
| Washington, D. C. | | | | | | | | .85 |
| Newark, N. J. | | | | | | | | .90 |
| Camden, N. J | | | | | | | | .90 |
| Paterson, N. J. | | | | | | | | .90 |
| Hartford, Conn | | | | | | | | .90 |
| Oakland, Cal | | | | | | | | .90 |
| Battimore, Md. Boston, Mass. Cambridge, Mass. Chicago, Ill. Cleveland, Ohio Denver, Colo. Fall River, Mass. Minneapolis, Minn. New Bedford, Mass. New York, N. Y. Dayton, Ohio Lowell, Mass. Providence, R. I. Springfield, Mass. Washington, D. C. Newark, N. J. Camden, N. J. Paterson, N. J. Hartford, Conn. Oakland, Cal. Jersey City, N. J. New Haven, Conn. Richmond, Va. Trenton, N. J. Trenton, N. J. Portland, Ore. Syracuse, N. Y. St. Paul, Minn. Rochester, N. Y. Toledo, Ohio | | | | | | Ξ. | | .90 |
| New Haven, Conn. | | | | | ٠. | | | .90 |
| Richmond, Va. | Ė | | | | | | | .90 |
| Richmond, Va. Trenton, N. J. Portland, Ore. Syracuse, N. Y. St. Paul, Minn. Rochester, N. Y. Toledo, Ohio Seattle, Wash. Atlanta, Ga. Birmingham, Ala. Reading, Pa. New Orleans, La. Buffalo, N. Y. Bridgeport, Conn. Louisville, Ky. Lynn, Mass. Memphis, Tenn. | | | | | | ٠. | | .90 |
| Portland Ore | | | | | | | | .95 |
| Syracuse N. Y. | | | | | | | | .95 |
| St Paul Minn | · | ı | | • | | | i | .95 |
| Rochester N Y | | | | | | | | .95 |
| Toledo Ohio | • | · | - 1 | | | | Ċ | .95 |
| Souttle Wash | • | • | | | · | | i | 1.00 |
| Atlanta Ga | • | • | • | | | • | Ċ | 1.00 |
| Rirmingham Ala | | | | • | | | Ċ | 1.00 |
| Pooding Po | | • | | i | • | • | • | 1.00 |
| New Orleans Is | | | • | • | | • | • | 1.00 |
| Defeals N V | | • | | • | • | • | • | 1.00 1.00 1.00 1.00 1.00 1.00 1.00 |
| Bullato, N. 1 | | | | | | • | • | 1.00 |
| Bridgeport, Conn. | | • | | | | | • | 1.00 |
| Louisville, Ky. Lynn, Mass. Memphis, Tenn. | | | | | • | • | • | 1.00 |
| Lynn, Mass | | ٠ | | | | - | • | 1.00 |
| Memphis, Tenn. | • | ٠ | • | | | • | • | 1.00 |
| Nashville, Tenn. | • | | • | | | - | • | 1.00 |
| Philadelphia, Pa | | | | | | | • | 1.00 |
| Pittsburgh, Pa. | | | | • | | | • | 1.00 |
| Lynn, Mass. Memphis, Tenn. Nashville, Tenn. Philadelphia, Pa. Pittsburgh, Pa. Scranton, Pa. Albany, N. Y. Tacoma, Wash. Omaha, Neb. San Antonio, Tex. Sat Lake City, U. Spokane, Wash. | | | ٠ | | | | | 1.00 |
| Albany, N. Y. | | | | | | ٠ | ٠ | 1.10 |
| Tacoma, Wash. | | | | | | | | 1.15 |
| Omaha, Neb | | | | | | | | 1.15 |
| San Antonio, Tex. | | | | | | | | 1.25 |
| Salt Lake City, Ut | tah | | | | | | | 1.30 |
| Spokane, Wash. | | | | | | | | 1.40 |
| | | | | | | | | |

WATER RATES

| Philadelphia, Pa Cleveland, Ohio Reading, Pa Washington, D. Buffalo, N. Y. Milwaukee, Wis GRAND RAPID | | | | | .03 | Filtered |
|---|-------|-----|-------------|---|------------------------------|----------|
| Cleveland, Ohio | | | | | .04 | |
| Reading, Pa | | | | | .04 | Filtered |
| Washington, D. | C. | | | | .04 | Filtered |
| Buffalo, N. Y. | | | | | .04 1/2 | |
| Milwankee Wis | | | | | .04 1/2 | |
| CDAND PAPID | I D | iTC | H | • | .05 | Filtered |
| C-14 I -l- Cite | TT+ | ah | | • | .051/4 | 1 morea |
| Dail Lake City. | UL | an | | | | Filtered |
| Albany, N. Y. | • | • | • | | .06 | riitered |
| Dayton, Ohio | | | | | .06 | |
| Dayton, Ohio Detroit, Mich. Minneapolis, Mir | | | | | .06 | |
| Minneapolis, Mir | ın. | | | | .06 | Filtered |
| St. Paul. Minn. | | | | | .06 | |
| Minneapolis, Mir St. Paul, Minn. Seattle, Wash. Chicago, Ill. Baltimore, Md. Toledo, Ohio . Los Angeles, Ca New Orleans, La Spokane, Wash. | | | | | .06 | |
| Chiango III | • | | | | .061/4 | |
| Daltimana Md | • | • | | • | .061/2 | |
| Baltimore, Mu. | | | | | .06 3/4 | Filtered |
| Toledo, Unio . | : | • | | • | | rintered |
| Los Angeles, Ca | 1. | | • | • | .07 | ***** |
| New Orleans, La | 1. | | | | $.07\frac{1}{2}$ | Filtered |
| Spokane, Wash. | | | | | $.07\frac{1}{2}$ | |
| | | | | | .08 | Filtered |
| San Antonio Te | xas | | | | .08 2/5 | |
| San Antonio, Te Columbus, Ohio | 22001 | | | • | .09 | Filtered |
| Atlanta Ca | • | | | • | .10 | Filtered |
| Atlanta, Ga New York City, | | 37 | | | .10 | rintered |
| New York City, | IN. | Υ. | | | .10 | 73214 3 |
| Rochester, N. Y. | | | | | $.10\frac{1}{2}$ | Filtered |
| New Bedford, M | Ias | s. | | | .11 | |
| Richmond, Va. | | | | | .11 | Filtered |
| Birmingham, Al | a. | | | | .11¼ .11¼ | Filtered |
| Louisville Kv | | • | | | .111/4 | Filtered |
| New York City, Rochester, N. Y. New Bedford, M. Richmond, Va. Birmingham, Al Louisville, Ky. Jersey City, N. Hartford, Conn. Syracuse, N. Y. Portland, Ore. Denver. Colo. | т. | • | • | • | .111/2 | |
| Jersey City, IV. | J. | • | • | • | .12 | |
| Hartford, Conn. | | | • | | .12 | |
| Syracuse, N. Y. Portland, Ore. Denver, Colo. Bridgeport, Con | | | • | • | .12 | |
| Portland, Ore. | | | • | | .121/2 | 7331 . 1 |
| Denver, Colo. | | | : : : | | .123/4 | Filtered |
| Bridgeport, Con | n. | | | | $.13\frac{1}{2}$ | |
| Indianapolis, Indianapolis, Indianapolis, Indianapolis, Indianapolis, Pa. | d. | | | | $.13\frac{1}{2}$ | Filtered |
| New Haven, Con | nn. | | | | $.13\frac{1}{2}$ | Filtered |
| New Haven, Coi Pittsburgh, Pa. Trenton, N. J. Boston, Mass. Lowell, Mass. Camben, N. J. Nashville, Tenn Providence, R. St. Louis, Mo. | | | | | .13½ .13½ .13½ .13½ | Filtered |
| Trenton N. J. | | | | | .13 1/2 | Filtered |
| Rocton Mass | • | | | | .14 | |
| Lowell Moss | • | • | | • | .14 | |
| Combuidge Mo | | • | • | • | .15 | |
| Cambridge, Mas | 35. | • | • | | .15 | |
| Camden, N. J. | • | | | • | 15 | |
| Nashville, Tenn | l. | | • | • | .15 | Filtered |
| Providence, R. | 1. | | • | • | .15 | |
| St. Louis, Mo. Worcester, Mas | | | | | .15 | Filtered |
| | | | | | $.15$ $.17\frac{1}{2}$ | |
| Omaha, Neb. Kansas City, M Dallas, Texas | | | | | .15 .17½ .18¾ .19 | |
| Kansas City, M | 0. | | | | $.18\frac{3}{4}$ | |
| Dallas, Texas | | | | | .19 | Filtered |
| Fall River, Mas | S. | | | | .21 | |
| Springfield Mas | SS. | Ť | | | .22 | |
| Paterson N J | | | | | .221/2 | |
| Scranton Po | • | • | | | .221/2 | Filtered |
| Ookland Col | • | | | • | .24 | Filtered |
| Can Francisco | Ċ. | | | • | 25 | |
| Name of N I | Odi | | | • | 30 3/5 | |
| Newark, N. J. | • | • | • | • | 33 1/3 | |
| Dallas, Texas Fall River, Mas Springfield, Ma: Paterson, N. J. Scranton, Pa. Oakland, Cal. San Francisco, Newark, N. J. Tacoma, Wash. Memphis, Tenn | • | • | • | | .33 1/3 | |
| Memphis, Tenn | • | • | • | • | .40 | |
| | | | | | | |

TELEPHONE RATES

(Bureau of Census Statistics, 1912)

| GRAND RAPIDS, M | IIC | н. | | | and | \$18.00 |
|---|-----|----|----|----------------|-----|-------------------------|
| Columbus, Ohio . | | | | 24.00 | | |
| Dallas, Texas . | | | | 24.00 | | |
| San Antonio, Texas Minneapolis, Minn. Omaha, Neb St. Paul, Minn Toledo, Ohio . Fall River, Mass. Lowell, Mass. New Bedford, Mass Portland, Ore | | | ٠ | 24.00 | | |
| Minneapolis, Minn. | | | ٠ | 30.00 | | |
| Omaha, Neb | | | | 30.00 | | |
| St. Paul, Minn . | | | | 30.00 | | |
| Toledo, Ohio | | | | 30.00 | | |
| Fall River, Mass. | | | | 33.00 | | |
| Lowell, Mass | | ٠ | ٠ | 33.00 | | |
| New Bedford, Mass | • | | ٠ | 33.00 | | 24.00 |
| Portland, Ore | | | | | | 24.00 |
| New Bedford, Mass Portland, Ore Scranton, Pa Spokane, Wash Los Angeles, Cal. Rochester, N. Y Albany, N. Y Birmingham, N. Y. Bridgeport, Conn. Camden, N. J Denver, Colo Hartford, Conn Kansas City, Mo. Louisville, Ky | | ٠ | • | 36.00 | and | 24.00 |
| Spokane, Wash | | ٠ | ٠ | 36.00 | and | 24.00 |
| Los Angeles, Cal. | | ٠ | ٠ | 36.00 | and | 24.00 27.00 30.00 |
| Rochester, N. Y. | | ٠ | ٠ | 36.00 | and | 30.00 |
| Albany, N. Y. | • | ٠ | ٠ | 36.00 | | |
| Birmingham, N. Y. | • | ٠ | ٠ | 36.00 | | |
| Bridgeport, Conn. | ٠ | ٠ | ٠ | 36.00 | | |
| Camden, N. J. | | ٠ | ٠ | 36.00 | | |
| Denver, Colo | • | ٠ | • | 36.00 | | |
| Hartford, Conn | • | | ٠ | 36.00 | | |
| Kansas City, Mo. | | ٠ | ٠. | 36.00 | | |
| Louisville, Ky | • | ٠ | ٠ | 36.00 | | |
| Louisville, Ky Memphis, Tenn Nashville, Tenn | | ٠ | • | 36.00 | | |
| Nashville, Tenn New Haven, Conn. Oakland, Cal. Reading, Pa Richmond, Va Salt Lake City, Utal Seattle, Wash. | | ٠ | • | 36.00 | | |
| New Haven, Conn. | | ٠ | ٠ | 36.00 | | |
| Oakland, Cal | • | ٠ | ٠ | 36.00 | | |
| Reading, Pa | | ٠ | • | 36.00 | | |
| Richmond, Va. | ٠ | • | ٠ | 36.00 | | |
| Salt Lake City, Utai | 1 | ٠ | ٠ | 36.00 | | |
| Seattle, Wash | • | ٠ | • | 36.00 | | |
| Syracuse, N. Y. | ٠ | ٠ | ٠ | 36.00 | | |
| Springfield, Mass. | • | ٠ | • | 36.00 36.00 | | |
| Sait Lake City, Otal Seattle, Wash Syracuse, N. Y Springfield, Mass. Tacoma, Wash Trenton, N. J Worcester, Mass. Detroit, Mich. | • | | • | 36.00 | | |
| Trenton, N. J. | | • | ٠ | 36.00 | | |
| Worcester, Mass. | • | • | | 42.00 | | |
| Milmoules Wig | • | | | 42.00 | | |
| Milwaukee, wis | • | | ٠ | 42.00 | | |
| Determen N I | | • | ٠ | 42.00 | | |
| Can Engage Cal | • | • | : | 42.00 | | |
| Tacoma, Wasn. Trenton, N. J. Worcester, Mass. Detroit, Mich. Milwaukee, Wis. Newark, N. J. Paterson, N. J. San Francisco, Cal. Atlanta. Ga. | • | • | • | | and | 36.00 |
| Puffelo N V | • | | • | 48.00 | and | 36.00 36.00 |
| Poltimore Md | • | • | • | 48.00 | unu | 00.00 |
| Cincinnati Ohio | • | • | • | 48.00 | | |
| Claveland Ohio | • | • | • | 48.00 | | |
| Lorsey City N J | • | • | • | 48.00 | | |
| New Orleans La | | • | • | 48.00 | | |
| Providence R. I. | | | Ċ | 48.00 | | |
| St Louis Mo. | • | i | • | 48.00 | | |
| Washington D. C. | | i | Ċ | 48.00 | | |
| Pittshurgh Pa | | | Ċ | 57.00 | | |
| Philadelphia, Pa | | | | | and | 48.00 |
| Boston, Mass. | | | | 60.00 | | |
| San Francisco, Cal. Atlanta, Ga | | | | 60.00 | | |
| Chicago, Ill | | | | 60.00 | | |
| New York, N. Y. | | | | 228.00 | | |
| | | | | | | |

PER CAPITA NET INDEBTEDNESS

(Bureau of the Census Statistics, 1913)

| New York, N. Y | | | | | | | . \$ | 152.52 |
|---|------|-----|----|---|---|---|------|-------------------------|
| Cincinnati, Ohio . | | | | | | | | 135.36 |
| New Orleans, La | | | | | | | | 121.00 |
| Omaha, Neb | | | | | | | | 107.41 |
| Boston, Mass | | | | | | | | 104.75 |
| Tacoma, Wash | | | | | | | | 100.94 |
| Los Angeles, Cal | | | | | | | | 94.44 |
| Pittsburgh, Pa | | | | | | | | 81.67 |
| Baltimore, Md | | | | | | | | 80.63 |
| San Francisco, Ca | l. | | | | | | | 76.73 |
| Cleveland, Ohio . | | | | | | | | 76.24 |
| Newark N J | | | | | | | | 74.33 |
| Memphis Tenn | | | | | | | | 73.78 |
| Souttle Wash | | • | • | | | | | 73.44 |
| Longov City N I | | • | • | • | | • | | 71.23 |
| Dishmand Vo | | • | • | • | | • | • | 68.55 |
| Cambuidge Mage | | • | • | • | • | • | • | 68.51 |
| Cambridge, Mass. | | • | • | • | • | | | 67.57 |
| Average All Cities | | • | • | • | | | • | 65.88 |
| New Bedford, Mass | S. | • | | • | • | | • | 61.81 |
| Spokane, Wash | | • . | • | | | | • | 01.81 |
| Syracuse, N. Y. | | | | ٠ | | | • | 61.43 |
| Buffalo, N. Y | | | | | | | | 60.96 |
| Philadelphia, Pa. | | | | | | | • | 59.68 |
| Springfield, Mass. | | · | | | | • | • | 59.41 |
| Salt Lake City, U | ta | h | | • | | • | | 55.15 |
| Hartford, Conn. | | • | • | • | | • | • | 50.56 49.55 |
| Nashville, Tenn. | | •. | | • | • | | • | 49.50 |
| Toledo, Ohio | | • | • | • | • | | • | 49.30 |
| Louisville, Ky. | | • | | | • | | • | 47.74 |
| Minneapolic Minn | | • | | | • | • | • | 46.43 |
| Doubland One | • | • | • | • | • | • | • | 46.30 |
| Columbus Ohio | | • | • | • | • | | | 44.76 |
| Dollag Tayas | | • | • | • | | | | 42.88 |
| St Paul Minn. | | | | : | : | | | 42.21 |
| Worcester Mass. | | • | : | | | | | 42.21 |
| Dayton, Ohio | | | | | | | | 40.66 |
| Camden, N. J. | | | | | | | | 40.38 |
| Oakland, Cal. | | | | | | | | 39.40 |
| Fall River, Mass. | | | | | | | | 39.12 |
| Birmingham, Ala. | | | | | | | | 36.61 |
| Albany, N. Y. | | | | | | | | 33.75 |
| Rochester, N. Y. | | | | | | | | 32.05 |
| Kansas City, Mo. | | | | | | | | 31.32 |
| St. Louis, Mo | | | | | | | | 31.04 |
| Atlanta, Ga | | 4 | | | | | | 29.12 |
| GRAND RAPIDS, | I | MIC | н. | | | | | 29.11 |
| Chicago, Ill. | | | | | | | | 28.02 |
| Milwaukee, Wis. | | • | | • | • | | • | 27.52 |
| New Haven, Conn | • | • | • | | • | | | 25.79 |
| Paterson, N. J. | • | • | • | ٠ | • | | | 25.10 |
| Lowell, Mass. | • | • | • | • | | | | 23.98 21.86 |
| Washington, D. C | • | • | • | • | | • | | 20.50 |
| Tropton N T | • | • | • | • | | | | 19.51 |
| Pooding Po | • | | | • | | | | 18.87 |
| Son Antonio Toy | | • | • | • | | | | 18.55 |
| Indianapolis Ind | a.o. | • | | | | | | 18.40 |
| Scranton Pa | | | | | | | | 18.14 |
| New York, N. Y. Cincinnati, Ohio New Orleans, La. Omaha, Neb. Boston, Mass. Tacoma, Wash. Los Angeles, Cal. Pittsburgh, Pa. Baltimore, Md. San Francisco, Ca Cleveland, Ohio Newark, N. J. Memphis, Tenn. Seattle, Wash. Jersey City, N. J. Richmond, Va. Cambridge, Mass. Average All Cities New Bedford, Mass. Spokane, Wash. Syracuse, N. Y. Buffalo, N. Y. Philadelphia, Pa. Springfield, Mass. Salt Lake City, U. Hartford, Conn. Nashville, Tenn. Toledo, Ohio Louisville, Ky. Providence, R. I. Minneapolis, Minn. Portland, Ore. Columbus, Ohio Dallas, Texas. St. Paul, Minn. Worcester, Mass. Dayton, Ohio Camden, N. J. Oakland, Cal. Fall River, Mass. Birmingham, Ala. Albany, N. Y. Kansas City, Mo. St. Louis, Mo. Atlanta, Ga. GRAND RAPIDS, Chicago, Ill. Milwaukee, Wis. New Haven, Conn Paterson, N. J. Lowell, Mass. Washington, D. C Detroit, Mich. Trenton, N. J. Reading, Pa. San Antonio, Text Indianapolis, Ind. Scranton, Pa. Bridgeport, Conn. Denver, Colo. | • | | | | | | | 18.40 18.14 15.31 |
| Denver, Colo. | | | | | | | | 3.69 |
| | | | | | | | | |

PER CAPITA PAYMENTS FOR ALL GOVERNMENT COSTS

(Bureau of Census Statistics, 1913)

| (| | | | | | | - | |
|--|-----|-----|----|----|----|---|-----|----------------|
| Omaha, Neb | | | | | | | . 9 | 82.27 |
| Los Anegeles, Cal. | | | | | | | | 63.53 |
| Tacoma, Wash. | | | | | | | | 62.65 |
| San Francisco, Ca | 1. | | | | | | | 62.49 |
| Portland Ore | | | | | | | | 50.57 |
| Snokane Wash | | | | | | | | 46.98 |
| New York N Y | | ٠. | | | | | | 46.78 |
| Poston Mass | • | • | • | ٠. | | | • | 45.06 |
| Coattle Week | • | • | | • | • | • | • | 44.83 |
| Kengag City Mo | 1 | • | • | | • | | • | 41.48 |
| Ransas City, Mo. | • | • | • | | • | • | • | 40.94 |
| Pittsburgh, Pa. | • | | | • | • | | • | 30.67 |
| Oakland, Cal | ٠ | | | | • | • | • | 28 06 |
| Denver, Colo. | ٠ | • | | | • | : | • | 97 47 |
| Cincinnati, Ohio | | | | | • | • | • | 90.90 |
| Newark, N. J. | | • | | • | • | • | • | 30.80 |
| Washington, D. C. | | • | | • | ٠ | • | • | 35.45 |
| Springfield, Mass. | | | | | ٠ | • | • | 30.38 |
| Rochester, N.Y. | | | | | • | | | 34.90 |
| Buffalo, N. Y. | ** | • | • | 1 | | • | • | 34.73 |
| Minneapolis, Minn. | | • | | | • | ٠ | • | 33.30 99.10 |
| New Bedford, Mas | ss. | • | | • | • | | | 22.10 |
| Average All Cities | 5 | | • | • | • | • | • | 21.78 |
| Detroit, Mich. | • | | • | • | | | • | 31.70 |
| Dallas, Texas | • | | • | • | | • | • | 31.10 |
| Baltimore, Md | • | | • | • | | • | • | 30.32 |
| Memphis, Tenn. | | • | • | | ٠. | | • | 29.80 |
| Cleveland, Onio | ٠ | • | | • | | • | • | 29.75 |
| Chiange III | | • | • | | • | | • | 28.93 |
| Dishmond Vo | | • | • | | | | • | 28.81 |
| Worsester Mass | | • | • | | • | • | | 28.25 |
| Hartford Conn | • | • | | • | • | | Ċ | 28.12 |
| Cambridge Mass | • | • | • | • | • | | Ċ | 27.14 |
| Toledo Ohio | • | • | • | | | | | 26.83 |
| Columbus, Ohio | | Ċ | | | | | | 26.81 |
| Philadelphia, Pa. | | | | | | | | 26.54 |
| Salt Lake City. U | tah | | | | | | | 25.68 |
| Louisville, Kv. | | | | | | | | 25.49 |
| Milwaukee, Wis. | Ċ | | | | | | | 25.38 |
| New Orleans, La. | | | | | | | | 24.94 |
| Syracuse, N. Y. | | | | | | | | 24.60 |
| GRAND RAPIDS | . M | ICF | I. | | | | | 24.40 |
| Providence, R. I. | | | | | | | | 22.65 |
| Jersey City, N. J. | | | | | | | | 22.33 |
| Indianapolis, Ind. | | | | | | | | 21.39 |
| Dayton, Ohio . | | | | | | | | 21.27 |
| Nashville, Tenn. | | | | | | | | 21.21 |
| Trenton, N. J | | | | | | | | 21.07 |
| Atlanta, Ga | | | | | | | | 21.06 |
| St. Paul, Minn | | | | | | | | 20.24 |
| Paterson, N. J. | | | | | | | | 19.43 |
| Lowell, Mass | | | | | | | | 19.36 |
| Fall River, Mass. | | | | | | | | 19.35 |
| New Haven, Conn | 1. | | | | | | | 18.59 |
| Camden, N. J. | | | | | | | | 17.52 |
| Bridgeport, Conn. | | | | | | | | 17.01 |
| Birmingham, Ala | | | | | | | | 15.71 |
| San Antonio, Tex | as | | | | | | | 14.36 |
| Scranton, Pa | | | | | | | | 14.19 |
| Omaha, Neb. Los Anegeles, Cal. Tacoma, Wash. San Francisco, Ca Portland, Ore. Spokane, Wash. New York, N. Y. Boston, Mass. Seattle, Wash. Kansas City, Mo. Pittsburgh, Pa. Oakland, Cal. Denver, Colo. Cincinnati, Ohio Newark, N. J. Washington, D. C. Springfield, Mass. Rochester, N. Y. Buffalo, N. Y. Minneapolis, Minn. New Bedford, Mas Average All Cities Detroit, Mich. Dallas, Texas Baltimore, Md. Memphis, Tenn. Cleveland, Ohio St. Louis, Mo. Chicago, Ill. Richmond, Va. Worcester, Mass. Hartford, Conn. Cambridge, Mass. Hartford, Conn. Cambridge, Mass. Toledo, Ohio Columbus, Ohio Philadelphia, Pa. Salt Lake City, U. Louisville, Ky. Milwaukee, Wis. New Orleans, La. Syracuse, N. Y. GRAND RAPIDS Providence, R. I. Jersey City, N. J. Lorsey City, N. J. Lorsey City, N. J. Lowell, Mass. Fall River, Mass. New Haven, Conn Camden, N. J. Bridgeport, Conn. Birmingham, Ala San Antonio, Tex Scranton, Pa. Reading, Pa. | | | | | | | | 13.22 |
| | | | | | | | | |

PER CAPITA REVENUE RECEIPTS

(Bureau of Census Statistics, 1913)

| Boston, Mass | | | | | | | | 47.10 |
|---|-----|------|----|---|----|---|---|------------------|
| Los Angeles, Cal | | | | | | | | 43.54 |
| Washington, D. C. | | | | | | | | 41.48 |
| New York, N. Y. | | | | | | | | 39.52 |
| Portland, Ore. | | | | | | | | 39.04 |
| Seattle Wash | | • | | | | | | 38.63 |
| Konsos City Mo | • | • | • | • | • | | | 37.77 |
| Can Francisco Col | • | • | • | • | • | | • | 34.39 |
| Bittahungh Do | • | • | • | • | • | • | • | 32.95 |
| Carley Wesh | • | | • | • | • | | • | 31.73 |
| Spokane, wash. | • | • | • | • | • | ٠ | | 30.53 |
| Hartiora, Conn. | | • | • | • | • | | | 29.89 |
| Oakland, Cal. | • | | • | • | • | • | | 29.86 |
| St. Louis, Mo | | • | • | • | ٠ | • | | 28.92 |
| Cincinnati, Ohio | | | • | • | • | • | • | |
| Cambridge, Mass. | • | | • | • | | • | • | 28.73 |
| Average All Cities | | | | | | • | • | 28.69 |
| Omaha, Neb | | | | | | | | 28.26 |
| Dallas, Texas . | | | | | | | • | 27.82 |
| Salt Lake City, Ut | ah | | | | | | | 27.57 |
| Chicago, Ill | | | | | | | | 27.06 |
| Rochester, N. Y. | | | | | | | | 26.92 |
| Richmond, Va | | | | | | | | 26.68 |
| Buffalo, N. Y | | | | | | | | 26.53 |
| Denver, Colo | | | | | | | | 26.48 |
| Worcester, Mass. | | | | | | | | 26.07 |
| Detroit, Mich | | | | | | | | 25.87 |
| Providence, R. I. | | | | | | | | 25.65 |
| Philadelphia, Pa. | | | | | | | | 24.94 |
| New Bedford, Mass | s. | | | | | | | 24.83 |
| Baltimore, Md | | | | | | | | 24.68 |
| Minneapolis, Minn. | | | | | | | | 24.34 |
| Louisville, Kv. | | | | | | | | 24.00 |
| Syracuse, N. Y. | | | | | | | | 23.97 |
| Memphis Tenn. | | | | | | | | 23.62 |
| Columbus Ohio | | | | | | | | 23.41 |
| Indiananolis Ind | | • | • | | | | | |
| Toledo Ohio | • | • | • | | Ĭ. | | | 23.05 22.51 |
| CPAND PAPIDS | w | ICE | r. | • | • | | | 22.44 |
| Nowark N I | 141 | 101. | | • | • | • | | 22.43 |
| Albany N V | • | • | • | • | • | | | 22.19 |
| New Orleans La. | • | | | • | | | | 22.19 |
| Jersey City, N. J. | | | | | · | | | 21.28 |
| Atlanta. Ga | | | | | | | | 21.10 |
| Milwaukee, Wis. | | | | | | | | 21.00 |
| Trenton, N. J | | | | | | | | 20.89 |
| Cleveland, Ohio | | | | | | | | 20.85 |
| St. Paul, Minn. | | | | | | | | 19.44 |
| Lowell, Mass | | | | | | | | 19,24 |
| Fall River, Mass. | | | | | | | | 18.95 |
| New Haven, Conn. | | | | | | | | 18.37 |
| Boston, Mass. Los Angeles, Cal Washington, D. C. New York, N. Y. Portland, Ore. Seattle, Wash. Kansas City, Mo. San Francisco, Cal Pittsburgh, Pa. Spokane, Wash. Hartford, Conn. Oakland, Cal. St. Louis, Mo. Cincinnati, Ohio Cambridge, Mass. Average All Cities Omaha, Neb. Dallas, Texas Salt Lake City, Ut. Chicago, Ill. Rochester, N. Y. Richmond, Va. Buffalo, N. Y. Denver, Colo. Worcester, Mass. Detroit, Mich. Providence, R. I. Philadelphia, Pa. New Bedford, Mass Baltimore, Md. Minneapolis, Minn. Louisville, Ky. Syracuse, N. Y. Memphis, Tenn. Columbus, Ohio Indianapolis, Ind. Toledo, Ohio GRAND RAPIDS, Newark, N. J. Albany, N. Y. New Orleans, La. Jersey City, N. J. Atlanta, Ga. Milwaukee, Wis. Trenton, N. J. Cleveland, Ohio St. Paul, Minn. Lowell, Mass. Frenton, N. J. Cleveland, Ohio St. Paul, Minn. Lowell, Mass. Frenton, N. J. San Antonio, Texa Paterson, N. J. San Antonio, Texa Paterson, N. J. Reading, Pa. Scranton, Pa. Birmingham, Ala. | | | | • | | | | 18.32 |
| Dayton, Ohio . | | | | • | | | | 18.08 |
| Gamden N. I | • | • | • | | • | • | • | $16.52 \\ 16.02$ |
| Camden, N. J. | | | | | | • | | 15.00 |
| Potorgon N I | S | | • | • | | | | 14.96 |
| Pooding Po | • | • | • | • | | • | | 13.49 |
| Scranton Pa | | | | • | | | | 13.35 |
| Birmingham, Ala | | | | | | | | 13.32 |
| Zaranigaman, zara. | • | | | | | | | |

PER CAPITA TAX FOR EDUCATION

(Bureau of the Census Statistics, 1913)

| (= | | | | | | | | |
|--|----|----|---|---|---|---|---|---------------------|
| Los Angeles, Cal. Boston, Mass. Salt Lake City, Utah New York, N. Y. Washington, D. C. Newark, N. J. Hartford, Conn. Pittsburgh, Pa. Worcester, Mass. Oakland, Cal. Denver, Colo. Kansas City, Mo. Minneapolis, Minn. Spokane, Wash. Cincinnati, Ohio | | | | | | | | 8.62 |
| Boston, Mass | | | | | • | | | 6.78 |
| Salt Lake City, Utah | 1 | | | | | | | 6.71 |
| New York, N. Y | | | | | | | | 6.68 |
| Washington, D. C. | | | | | | | | 6.56 |
| Newark, N. J | | | | | | | | 6.53 |
| Hartford, Conn | | | | | | | | 6.26 |
| Pittsburgh, Pa | | | | | | | | 6.25 |
| Worcester, Mass | | | | | | | | 5.90 |
| Oakland, Cal | | | | | | | | 5.74 |
| Denver, Colo | | | | | | | | 5.72 |
| Kansas City, Mo. | | | | | | | | 5.58 |
| Minneapolis, Minn. | | | | | | | | 5.55 |
| Spokane, Wash | | | | | | | | 5.41 |
| Cincinnati, Ohio | | | | | | | | 5.26 |
| GRAND RAPIDS, M | IC | H. | | | | | | 5.21 |
| Buffalo N Y | - | | | | | | | 5.14 |
| Cambridge Mass | | | | | | | | 5.14 |
| Cambridge, Mass. | | | | | | • | • | 5.06 |
| Jongov City N I | • | | • | | | | • | 5.05 |
| New Haven Conn | • | • | • | | • | | | 5.03 |
| Omaka Nah | • | | • | | • | | | 4.99 |
| Canada, Neb | • | • | • | • | • | | • | 4.90 |
| Camden, N. J. | • | • | • | • | • | • | | 4.85 |
| Trenton, N. J. | • | | | • | • | | • | 4.73 |
| Portland, Ore | • | • | • | • | • | | | 4.71 |
| Columbus, Onio | | | • | • | • | | | 4.69 |
| St. Louis, Mo | | • | • | • | • | • | • | 4.09 |
| Cleveland, Ohio . | | | | ٠ | | • | • | 4.68 |
| Milwaukee, Wis. | • | • | | • | | • | • | 4.52 |
| Syracuse, N. Y. | | • | • | • | | • | | 4.52 |
| Indianapolis, Ind. | | | | | ٠ | • | ٠ | 4.51 |
| Providence, R. I. | | | | | | | ٠ | 4.50 |
| Scranton, Pa | | • | | | | • | ٠ | 4.49 |
| Rochester, N. Y. | | | | | | | | 4.48 |
| Chicago, Ill | | | | | | | | 4.43 |
| New Bedford, Mass. | | | | | | | | 4.41 |
| Paterson, N. J | | | | | | | | 4.38 |
| Toledo, Ohio | | | | | | | | 4.36 |
| Detroit, Mich | | | | | | | | 4.33 |
| San Francisco, Cal. | | | | | | | | 4.27 |
| Albany, N. Y. | | | | | | | | 4.17 |
| Fall River, Mass. | | | | | | | | 4.16 |
| Dayton, Ohio . | | | | | | | | 4.15 |
| St. Paul, Minn | | | | | | | | 4.02 |
| Lowell, Mass | | | | | | | | 3.99 |
| Philadelphia, Pa. | | | | | | | | 3.82 |
| Dallas, Texas . | | | | | ٠ | ٠ | ٠ | 3.77 |
| Louisville, Ky | • | | • | ٠ | ٠ | ٠ | • | $\frac{3.41}{3.40}$ |
| Nashville, Tenn. | | | • | ٠ | | • | • | 3.39 |
| Memphis, 1enn. | | | • | | | | • | 3.38 |
| San Antonio Toyas | | | | | • | • | | 3.31 |
| Bridgenort, Conn | | | | | | | | 3.29 |
| New Orleans, La. | | | | | | | | 3.14 |
| Denver, Colo. Kansas City, Mo. Minneapolis, Minn. Spokane, Wash. Cincinnati, Ohio GRAND RAPIDS, M Buffalo, N. Y. Cambridge, Mass. Seattle, Wash. Jersey City, N. J. New Haven, Conn. Omaha, Neb. Camden, N. J. Trenton, N. J. Portland, Ore. Columbus, Ohio St. Louis, Mo. Cleveland, Ohio Milwaukee, Wis. Syracuse, N. Y. Indianapolis, Ind. Providence, R. I. Scranton, Pa. Rochester, N. Y. Chicago, Ill. New Bedford, Mass. Paterson, N. J. Toledo, Ohio Detroit, Mich. San Francisco, Cal. Albany, N. Y. Fall River, Mass. Dayton, Ohio St. Paul, Minn. Lowell, Mass. Philadelphia, Pa. Dallas, Texas Louisville, Ky. Nashville, Tenn. Memphis, Tenn. Baltimore, Md. San Antonio, Texas Bridgeport, Conn. New Orleans, La. Reading, Pa. Richmond, Va. Atlanta, Ga. Birmingham, Ala. | | | | | | | | 3.13 |
| Richmond, Va. | | | | | | | | 2.89 |
| Atlanta, Ga | | | | | | | | 2.76 |
| Birmingham, Ala. | | | | | | | | 2.66 |
| | | | | | | | | |

Average Rate of Taxation Per Each \$1,000.00 of Assessed Valuation for All Purposes in Each City in Michigan for Year 1914

| | POPU- | | | | | | | | | | | |
|-----------------------------|-------|---|---|----|---|----|------------------|----|---|----|---|------------------|
| | | | | | | LA | TION 19 | 10 | | | | 1914 |
| Ironwood : | | | | | | | 12,821 | | | | | 12.55 |
| Negaunee . | | | | | | | 8,460 | | | | | 14.32 |
| GRAND RAI | PIDS | 3 | | | | | 112,571 | | | | | 15.02 |
| Cadillac . | | | | | | | 8,375 | | | | | 16.10 |
| Kalamazoo | | | | | | | 39,437 | | | | | 16.28 |
| Battle Creek | | | | | | | 25,267 | • | | | | 16.52 |
| Ishpeming | | | | | | | 12,448 | | | | • | 16.64 16.90 |
| Hillsdale . | | | • | ٠ | | | 5,001 | | | | | |
| Marquette | | | | | ٠ | | 11,503 | | | | | 17.19 17.25 |
| Allegan . | • | | | | | • | 3,419 31,229 | | | | | 17.38 |
| Lansing . Adrian . | | • | | | | • | 10,763 | | | | | 17.68 |
| Aurian . | | • | | | | • | 9,185 | | • | • | • | 17.72 |
| Benton Harb Mount Cleme | or | • | | | | • | 7,707 | • | | | • | 17.73 |
| Hastings . | 110 | • | • | • | | • | 4,383 | • | | • | | 17.95 |
| St. Joseph | | • | | • | • | • | 5,936 | | | | | 18.48 |
| Charlotte . | | | • | | • | • | 4,886 | | | | | 19.47 |
| Jackson . | | | • | Ċ | Ċ | | 31,433 | | | | i | 19.47 |
| Ypsilanti . | | | | i. | | | 6,230 | i | | | | 19.63 |
| Owosso . | | | | | Ċ | | 9,639 | | | | | 19.71 |
| Ionia | | | | | | | 5,030 | | | | | 19.75 |
| Holland . | Ċ | | | | | | 10,490 | | | | | 19.76 |
| Albion . | | ì | | | | | 5,833 | | | | | 19.77 |
| Belding . | | | | | | | 4,119 | | | | | 19.81 |
| Grand Haven | ı | | | | | | 5,856 | | | | | 19.81 |
| Flint | | | | | | | 38,550 | | | | | 20.08 |
| South Haven | | | | | | | 3,577 | | | | | 20.16 |
| Ann Arbor | | | | | | | 14,817 | | | | | 20.55 |
| Pontiac . | | | | | | | 14,532 | | | | | 20.58 |
| Saginaw . | | | | | | | 50,510 | | | | | 20.86 |
| Coldwater . | | | | | | | 5,945 | | | | | 20.98 |
| Wyandotte | | | | | | | 8,287 | | | | | 21.38 |
| Greenville . | | | | | | | 4,045 | | | | | 21.55 |
| Niles | | ٠ | | ٠ | | | 5,156 | | | | | 21.90 |
| Grand Ledge | | ٠ | | ٠ | ٠ | | 2,893 | | • | • | | 22.77 |
| Alpena . | | ٠ | | ٠ | | | 12,706 | | • | | | 23.20 |
| Big Rapids | | | | | • | • | 4,519 | | | | ٠ | 23.45 |
| Marshall . | | • | | • | • | | 4,236 | ٠ | | • | | 23.47 23.61 |
| Port Huron | | | | | | • | 18,863 | • | | • | | 23.93 |
| Detroit . | | • | ٠ | | | | 465,766 2,757 | • | | • | | 24.07 |
| St. Johns . | • | | | | • | • | 3,154 | • | | • | | 24.17 |
| Mount Pleasa | · n+ | | | | • | | 3,972 | | | • | | 24.40 |
| Bay City . | | • | | | | • | 45,166 | | | | | 24.74 |
| St. Clair . | | | • | | | • | 2,633 | • | | | | 25.69 |
| Lapeer . | | | • | • | • | | 3,946 | | | • | • | 25.75 |
| Traverse City | , | Ċ | | i | · | i. | 12,115 | | | | Ċ | 26.00 |
| Marine City | | | | | | | 3,770 | | | | | 26.21 |
| Dowagiac . | | | | | | | 5,088 | | | | | 26.22 |
| Midland . | | ٠ | | | | | 2,527 | | | | | 26.30 |
| Ludington Onaway . | • | | | • | | • | 9,132 2,702 | • | • | ٠, | | 26.41 26.90 |
| Bessemer . | | | | | | | 4,583 | | | | | 28.33 |
| Crystal Falls | | | | | | | 3,775 | : | : | : | : | 28.64 |
| Monroe . | | | | | | | 6,893 | | | | | 28.65 |
| Cheboygan | | | | | | | 4,886 | | | | | 31.04 |
| Muskegon | | | | ٠ | | | 24,062 | • | | | | 31.12 |
| Sturgis . Norway . | | | | | | | 3,635 | | | | | $31.71 \\ 31.87$ |
| Bovne City | | | | | | | 4,974 5,218 | | | | | 31.98 |
| Manistee . | : | : | | | | | 12,381 | | | : | | 32.04 |
| Iron Mounta | in | | | | | | 9,216 | i. | | | | 32.18 |
| Sault Ste. M | arie | 9 | | | | | 12,615 | | | | | 32.55 |
| Hancock . | | | | | | | 8,981 | | | | | 33.18 |
| East Jordan Three Rivers | | ٠ | | | | | 2,516 | | | | | 33.29 |
| Manistique | • | | | | | | 5,072 4,722 | | | | | 33.67 33.80 |
| Petoskey . | | | | | | | 4,778 | | | | | 34.41 |
| Menominee . | | | | | | | 10,507 | | | | | 35.64 |
| Escanaba . | | | | | | | 13,194 | | | | | 37.20 |
| Gladstone . | | | | | | | 4,211 | | | | | 45.82 |
| | | | | | | | | | | | | |

PER CAPITA TAX FOR EDUCATION

(Bureau of the Census Statistics, 1913)

| (Bureau of the C | ens | sus | Dua | 013 | uics, | 1010 | , |
|--|-----|-----|-----|-----|-------|------|---------------------|
| Northead of the Control of the Contr | | | | | | | 8.62 |
| Boston, Mass | | | | | | | 6.78 |
| Salt Lake City, Utal | h | | | | | | 6.71 |
| New York, N. Y. | | | | | | | 6.68 |
| Washington, D. C. | | | | | | | 6.56 |
| Newark, N. J | | | | | | | 6.53 |
| Hartford, Conn | | | | | | | 6.26 |
| Pittsburgh, Pa. | | | | | | | 6.25 |
| Worcester, Mass. | | | | | | | 5.90 |
| Oakland, Cal | | | | | | | 5.74 |
| Denver, Colo | | | | | | | 5.72 |
| Kansas City, Mo. | | | | | | | 5.58 |
| Minneapolis, Minn. | | • | | | | | 5.55 |
| Spokane, Wash | | | | • | | | 5.41 |
| Cincinnati, Ohio | | | | | | | 5.26 |
| GRAND RAPIDS, N | 110 | н. | | | • | | 5.21 |
| Buffalo, N. Y. | | | | • | | | 5.14 |
| Cambridge, Mass. | | • | • | • | | | 5.14 |
| Seattle, Wash. | | ٠. | | | | | 5.06 |
| Jersey City, N. J. | • | • | | | • | | 5.05 5.03 |
| New Haven, Conn. | | • | | • | • | | 4.99 |
| Omana, Neb | | • | | • | | | 4.90 |
| Camden, N. J | • | | | • | | | 4.85 |
| Deutland One | • | • | • | • | | | 4.73 |
| Columbua Ohio | | • | • | | | | 4.71 |
| St Louis Mo | • | • | | | | | 4.69 |
| Claveland Ohio | • | • | | | ٠. | | 4.68 |
| Milwankoo Wis | • | • | • | | | | 4.52 |
| Syracuse, N. Y. | | | | | | | 4.52 |
| Indianapolis, Ind. | | | | | | | 4.51 |
| Providence, R. I. | | | | | | | 4.50 |
| Scranton, Pa. | | | | | | | 4.49 |
| Rochester, N. Y. | | | | | | | 4.48 |
| Chicago, Ill | | | | | | | 4.43 |
| GRAND RAPIDS, M Buffalo, N. Y. Cambridge, Mass. Seattle, Wash. Jersey City, N. J. New Haven, Conn. Omaha, Neb. Camden, N. J. Portland, Ore. Columbus, Ohio St. Louis, Mo. Cleveland, Ohio Milwaukee, Wis. Syracuse, N. Y. Indianapolis, Ind. Providence, R. I. Scranton, Pa. Rochester, N. Y. Chicago, Ill. New Bedford, Mass. Paterson, N. J. Taledo, Ohio | | | | | | | 4.41 |
| Paterson, N. J | | | | | | | 4.38 |
| Toledo, Ohio | | | | | | | 4.36 |
| Detroit, Mich | | | | | | | 4.33 |
| San Francisco, Cal. | | | | | | | 4.27 |
| Albany, N. Y | | | | | | | 4.17 |
| Fall River, Mass. | | | | • | | | 4.16 |
| Dayton, Ohio . | | | | | • | | 4.15 |
| St. Paul, Minn | • | • | | • | ٠ | | $\frac{4.02}{3.99}$ |
| Dhiladalphia Pa | • | • | | | | | 3.82 |
| Dallas, Texas | | | : | | | : : | 3.77 |
| Louisville, Ky. | | | | | | | 3.41 |
| Nashville, Tenn. | | | | | | | 3.40 |
| Memphis, Tenn. | | | | | | | 3.39 |
| Baltimore, Md | | | | | | | $\frac{3.38}{3.31}$ |
| San Antonio, Texas | 5 | | • | | | | 3.29 |
| New Orleans La | | | | : | | | 3.14 |
| Reading, Pa. | | | | | | | 3.13 |
| Richmond, Va. | | | | | | | 2.89 |
| Chicago, Ill. New Bedford, Mass. Paterson, N. J. Toledo, Ohio Detroit, Mich. San Francisco, Cal. Albany, N. Y. Fall River, Mass. Dayton, Ohio St. Paul, Minn. Lowell, Mass. Philadelphia, Pa. Dallas, Texas Louisville, Ky. Nashville, Tenn. Memphis, Tenn. Baltimore, Md. San Antonio, Texas Bridgeport, Conn. New Orleans, La. Reading, Pa. Richmond, Va. Atlanta, Ga. Birmingham, Ala. | | | | | | | 2.76 |
| Birmingham, Ala. | | | | | | | 2.66 |

Average Rate of Taxation Per Each \$1,000.00 of Assessed Valuation for All Purposes in Each City in Michigan for Year 1914

| | | | | | | | 1 | RATE 1914 | | | | | |
|-------------------------|------|------|---|----|---|---|----|------------------|----|---|----|----|------------------|
| | | | | | | 1 | | TION 19 | 10 | | | | 12.55 |
| Ironwood Negaunee | • | | | | • | | ٠ | 12,821 8,460 | • | • | | • | 14.32 |
| GRAND R | ΔP | in. | : | | | • | • | 112,571 | • | | • | | 15.02 |
| Cadillac | | II). | , | • | | • | • | 8,375 | | | | | 16.10 |
| Kalamazoo | | | | | | | Ċ | 39,437 | | | | | 16.28 |
| Battle Cre | | | | | | | | 25,267 | | | | | 16.52 |
| Ishpeming | | | | | | | | 12,448 | : | | | | 16.64 |
| Hillsdale | | | | | | | | 5,001 | | | | | 16.90 |
| Marquette | | | | | | | | 11,503 | | | | | 17.19 |
| Allegan | | | | | | | | 3,419 | | | | | 17.25 |
| Lansing | | | | | | | | 31,229 | | | | | 17.38 |
| Adrian | ٠. | | | | | | • | 10,763 | | | | ٠ | 17.68 |
| Benton Ha | arbo | or | | | | | ٠ | 9,185 | | | | ٠. | 17.72 17.73 |
| Mount Cle Hastings | me | ns | | : | | | ٠ | 7,707 4,383 | | | • | | 17.95 |
| St. Joseph | | | | | | | • | 5,936 | • | | • | • | 18.48 |
| Charlotte | | • | | | | | • | 4,886 | | | | | 19.47 |
| Jackson | : | • | | | | | : | 31,433 | | | : | : | 19.47 |
| Ypsilanti | | | | | | | i | 6,230 | | | | | 19.63 |
| Owosso | | | | | | | | 9,639 | | | | | 19.71 |
| Ionia . | | | | | | | | 5,030 | | | | | 19.75 |
| Holland | | | | | | | | 10,490 | | | | | 19.76 |
| Albion | | | | | | | ē. | 5,833 | | | | | 19.77 |
| Belding | | | | | | | | 4,119 | | | | | 19.81 |
| Grand Ha | ven | | | | | | ٠ | 5,856 | | | | | 19.81 |
| Flint . | | | | | | | ٠ | 38,550 | | | | | 20.08 |
| South Hav | | | | | | | ٠ | 3,577 | • | • | • | | 20.16 |
| Ann Arbo Pontiac | r | | | ٠. | • | | ٠ | 14,817 14,532 | • | | | | 20.55 |
| Saginaw | | | | | | | • | 50,510 | | | • | • | 20.86 |
| Coldwater | | | | | | | • | 5,945 | | | | • | 20.98 |
| Wyandotte | i . | | | | | i | | 8,287 | | | : | | 21.38 |
| Greenville | | | | | | | i | 4,045 | | | | | 21.55 |
| Niles . | | | | | | | | 5,156 | | | | | 21.90 |
| Grand Led | ge | | | | | | | 2,893 | | | | | 22.77 |
| Alpena | | | | | | | | 12,706 | | | | | 23.20 |
| Big Rapid | s | | | | | | | 4,519 | | | | | 23.45 |
| Marshall | | | | | | | | 4,236 | | | | | 23.47 |
| Port Huro | n | | | • | | | ٠ | 18,863 | | | | | 23.61 |
| Detroit | | | | | | • | • | 465,766 2,757 | ٠ | | • | | 23.93 |
| Alma . St. Johns | • | | | • | • | | ٠ | 3,154 | • | • | | • | 24.07 24.17 |
| Mount Ple | | nt | • | • | • | | • | 3,972 | | | • | • | 24.17 |
| Bay City | | | | • | • | • | • | 45,166 | • | • | | | 24.74 |
| St. Clair | : | | : | | : | : | : | 2,633 | : | : | | : | 25.69 |
| Lapeer | | | | | | | | 3,946 | | | | | 25.75 |
| Traverse C | City | | | | | | | 12,115 | | | | | 26.00 |
| Marine Ci | ty | | | | | | | 3,770 | | | | | 26.21 |
| Dowagiac Midland | • | • | | | | • | ٠ | 5,088 2,527 | | | | | $26.22 \\ 26.30$ |
| Ludington | | | | | • | | • | 9 132 | | • | • | | 26.41 |
| Onaway | | | | i | | | : | 9,132 2,702 | i | : | j. | : | 26.90 |
| Bessemer | | | | | | | | 4,583 | | | | | 28.33 |
| Crystal Fa | lls | | | | | | | 3,775 | | | | | 28.64 |
| Monroe Cheboygan | • | | • | • | • | • | ٠ | 6,893 4,886 | | | | | $28.65 \\ 31.04$ |
| Muskegon | | : | : | | : | : | : | 24,062 | | • | : | • | 31.12 |
| Sturgis | | | | | | | | 3,635 | | | | | 31.71 |
| Norway | | | | | | | | 4,974 5,218 | | | | | 31.87 |
| Boyne Cit | y | | | | | | ٠ | 5,218 12,381 | ٠ | | | | $31.98 \\ 32.04$ |
| Manistee Iron Mour | tai | n | • | | | | • | 9,216 | | | | | 32.04 |
| Iron Mour Sault Ste. | Ms | irie | | | | : | : | 12,615 | : | : | : | : | 32.55 |
| Hancock | | | | | | | | 8,981 | | | | | 33.18 |
| East Jorda | an | | | | | | | 2,516 | | | | | 33.29 |
| Three Rive | | | | | | | | 5,072 | | | | | 33.67 |
| Manistique Petoskey | | | | | | | | 4,722 4,778 | | | | | 33.80 34.41 |
| Menomine | | | | | | | | 10,507 | | | | | 35.64 |
| Escanaba | | | | | | | | 13,194 | | | | | 37.20 |
| Gladstone | | | | | | | | 4,211 | | | | | 45.82 |

For Additional Information About GRAND RAPIDS

Write

Grand Rapids Association of Commerce

END OF TITLE